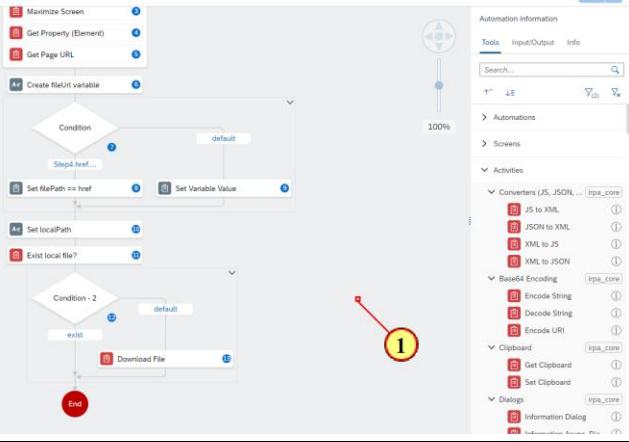
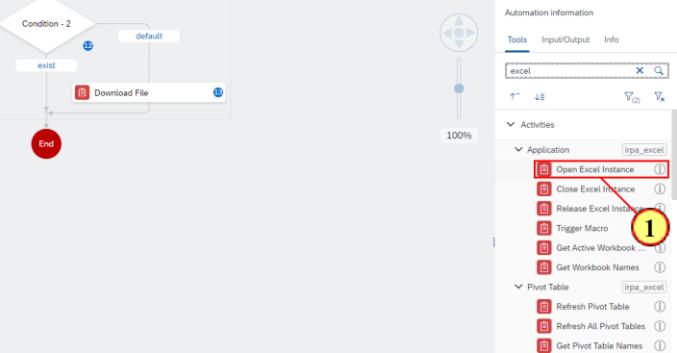
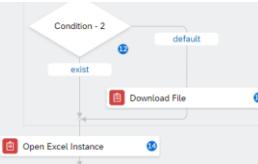
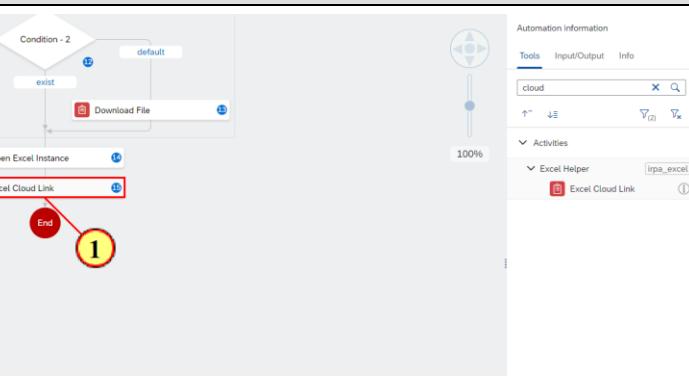
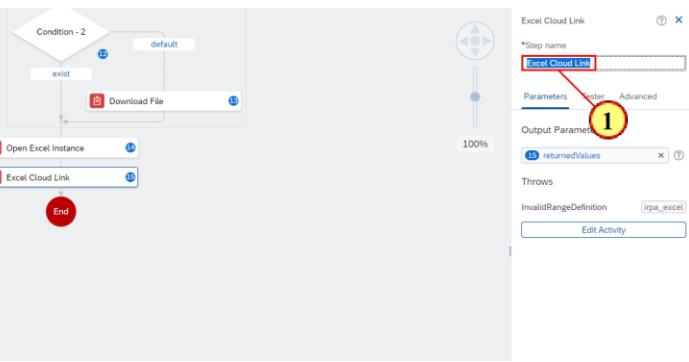
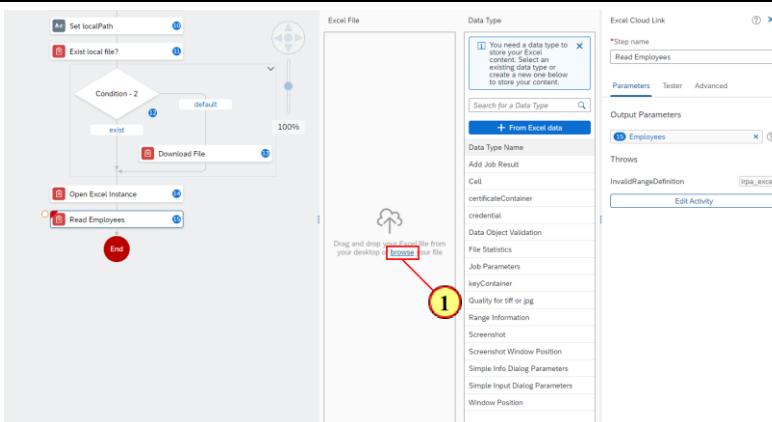
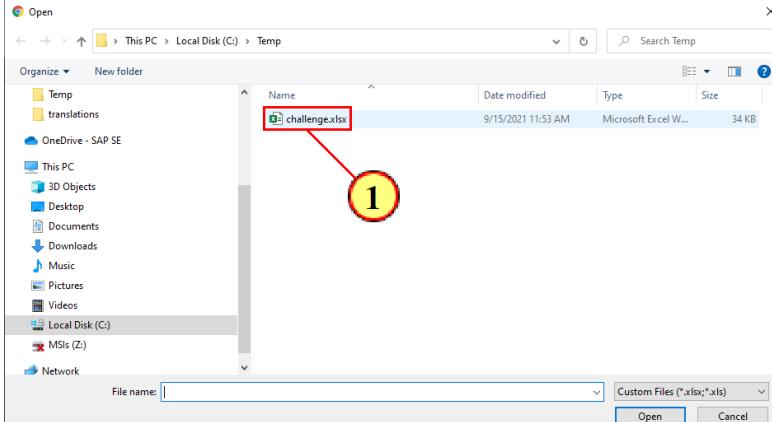
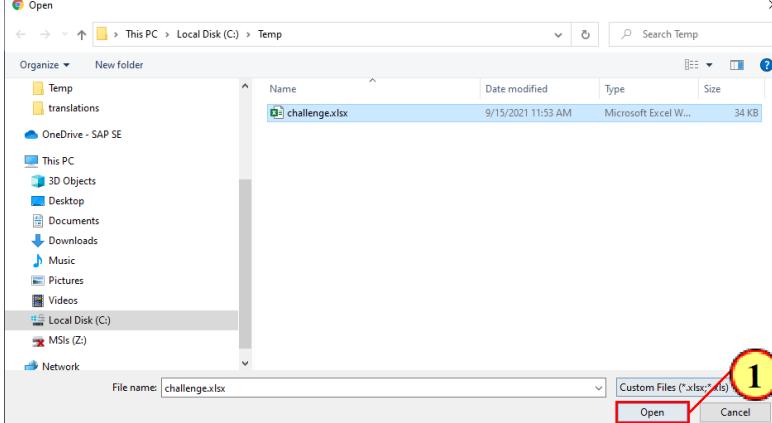
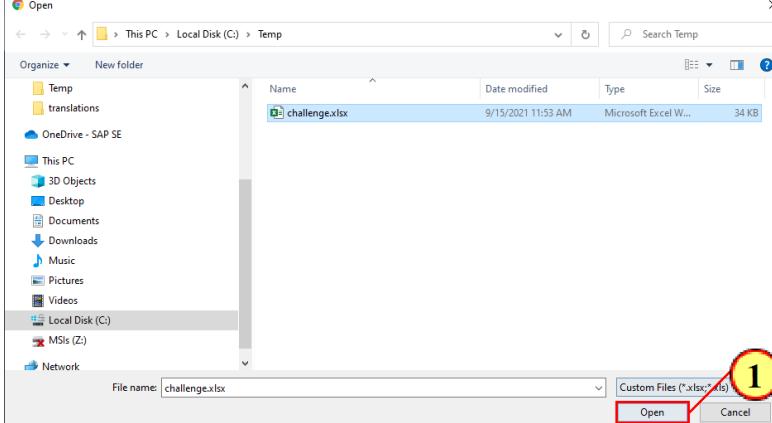
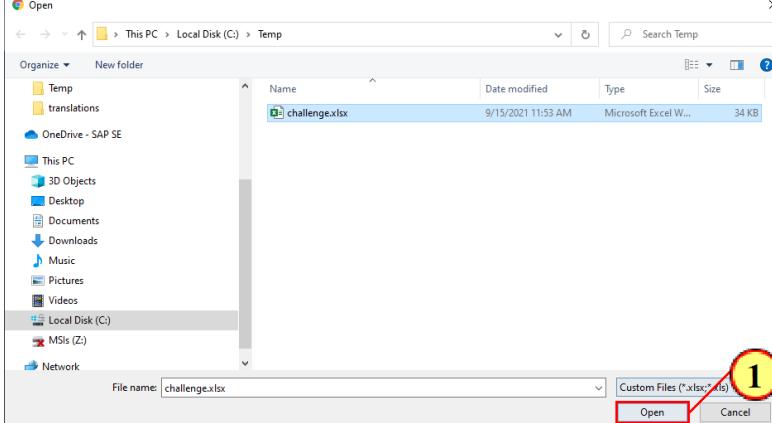


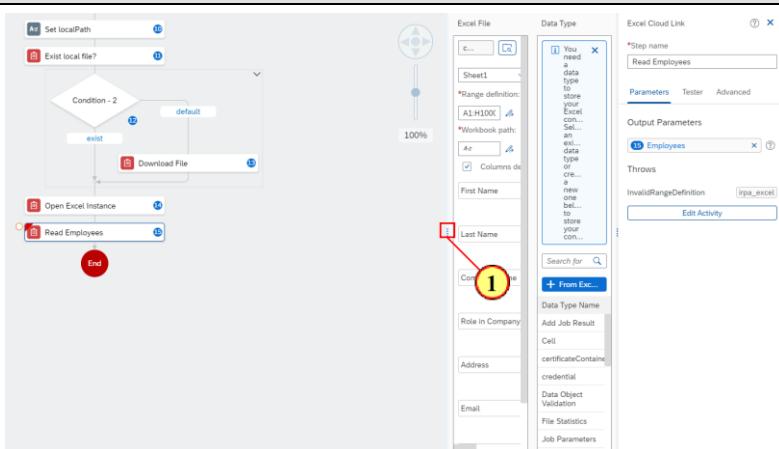
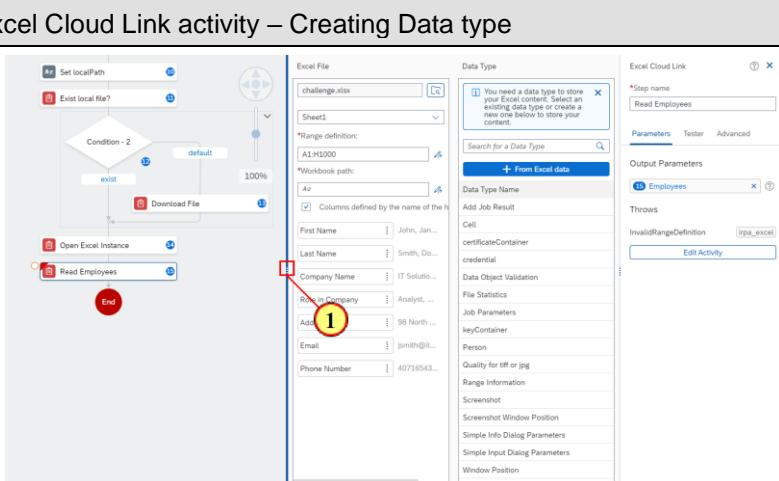
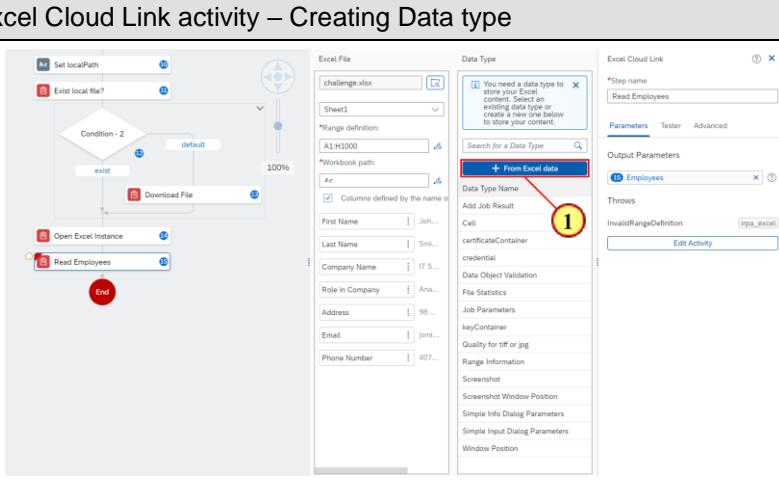
Explanation	Screenshot
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Scroll down to make space below the workflow	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Search for Open Excel Instance activity	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Drag the activity	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	

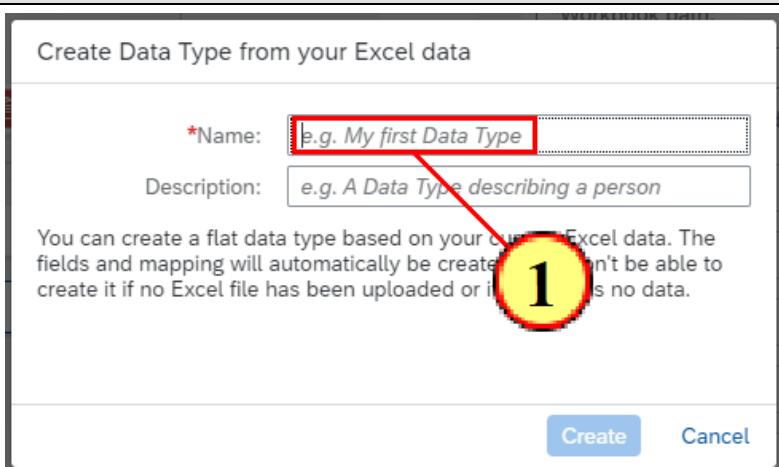
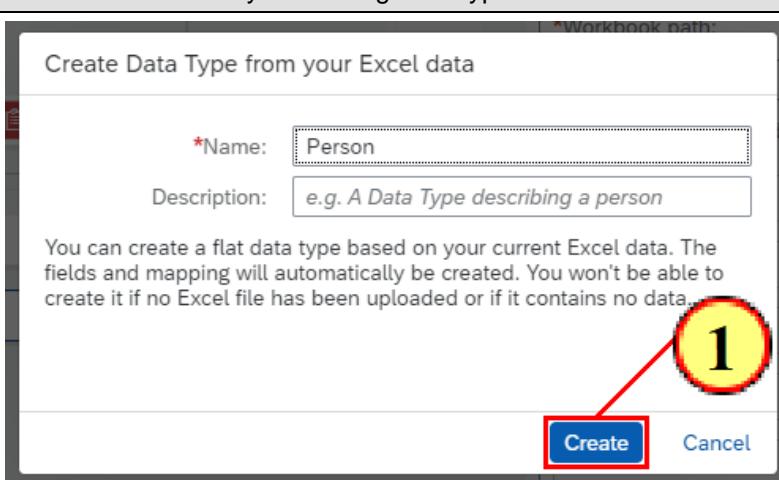
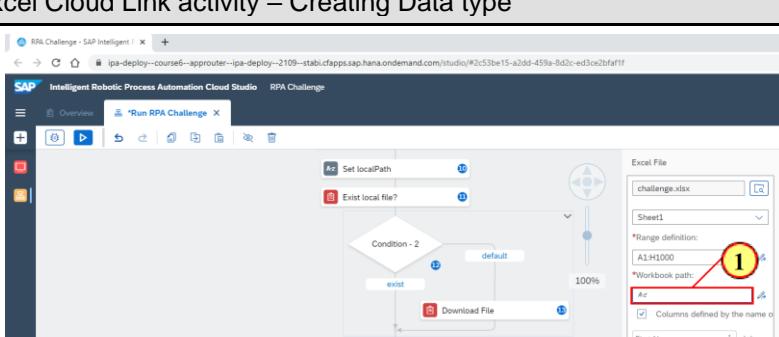
Explanation	Screenshot
(1) Drop it into the workflow after the Condition activity	 <p>Automation information Tools Input/Output Info excel <input type="text"/> ↑ ↓ <input type="button"/> <input type="button"/> <input type="button"/></p> <p>Activities</p> <ul style="list-style-type: none"> Application ipa_excel <ul style="list-style-type: none"> Open Excel Instance Close Excel Instance Release Excel Instance Trigger Macro Get Active Workbook ... Get Workbook Names Pivot Table ipa_excel <ul style="list-style-type: none"> Refresh Pivot Table
RPA Challenge – Cloud Studio – Add Excel Cloud Link activity	
(1) Clear the search field	 <p>Automation information Tools Input/Output Info <input type="text"/> <input type="button"/> <input type="button"/> <input type="button"/></p> <p>Activities</p> <ul style="list-style-type: none"> Application ipa_excel <ul style="list-style-type: none"> Open Excel Instance Close Excel Instance Release Excel Instance Trigger Macro Get Active Workbook ... Get Workbook Names Pivot Table ipa_excel <ul style="list-style-type: none"> Refresh Pivot Table
RPA Challenge – Cloud Studio – Add Excel Cloud Link activity	
<p>(1) Search for the Excel Cloud Link activity</p> <p> This activity is used to map an Excel range to a data type</p>	 <p>Automation information Tools Input/Output Info <input type="text"/> <input type="button"/> <input type="button"/> <input type="button"/></p> <p>Screens</p> <p>Activities</p> <ul style="list-style-type: none"> Converters (JS, JSON, ...) ipa_core <ul style="list-style-type: none"> J5 to XML JSON to XML XML to JS XML to JSON Base64 Encoding ipa_core
RPA Challenge – Cloud Studio – Add Excel Cloud Link activity	
<p>(1) Drag the Activity</p>	 <p>Automation information Tools Input/Output Info <input type="text"/> <input type="button"/> <input type="button"/> <input type="button"/></p> <p>Activities</p> <ul style="list-style-type: none"> Excel Helper ipa_excel <ul style="list-style-type: none"> Excel Cloud Link

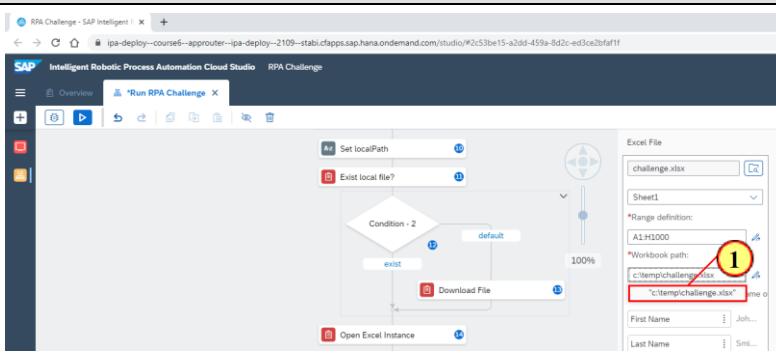
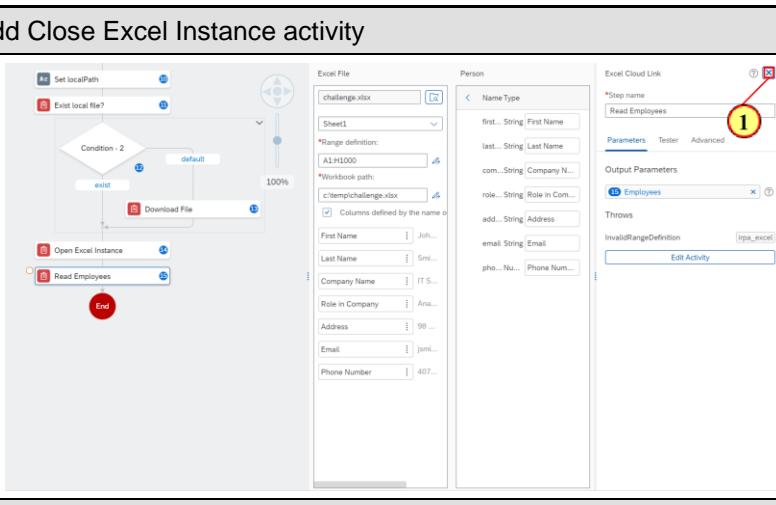
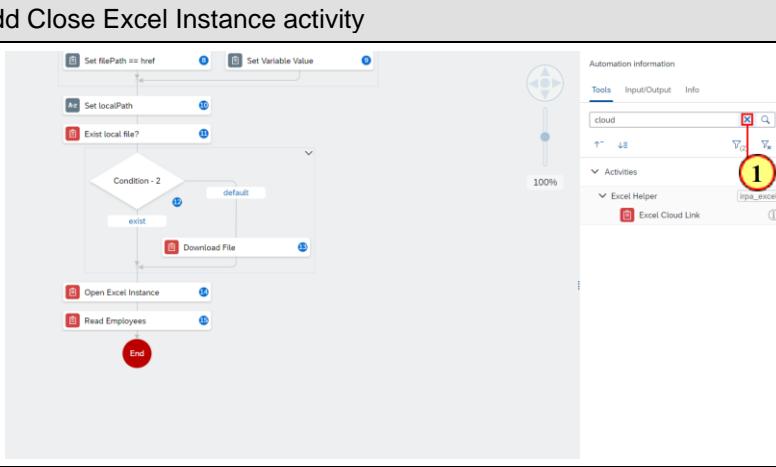
Explanation	Screenshot
(1) Drop it into the workflow after the Open Excel Instance activity	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	

Explanation	Screenshot
(1) Rename it to Employees	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Click on Edit Activity	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Resize the Panel if needed	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	

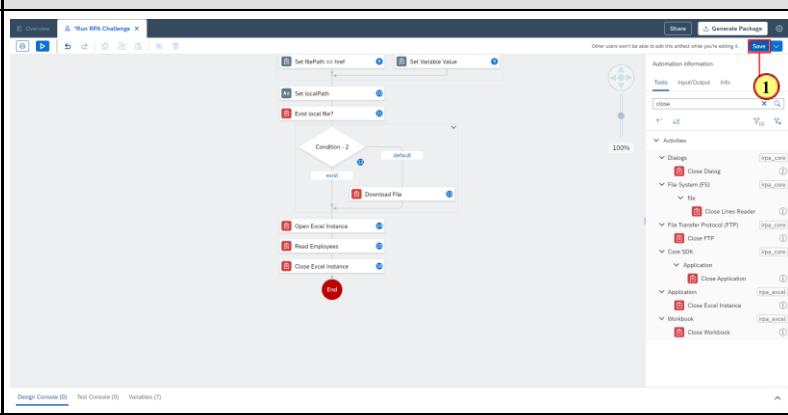
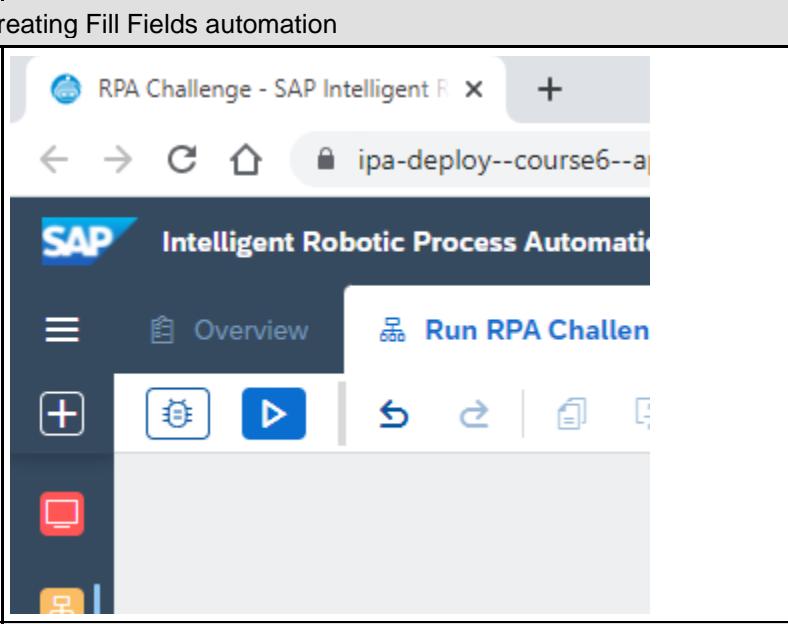
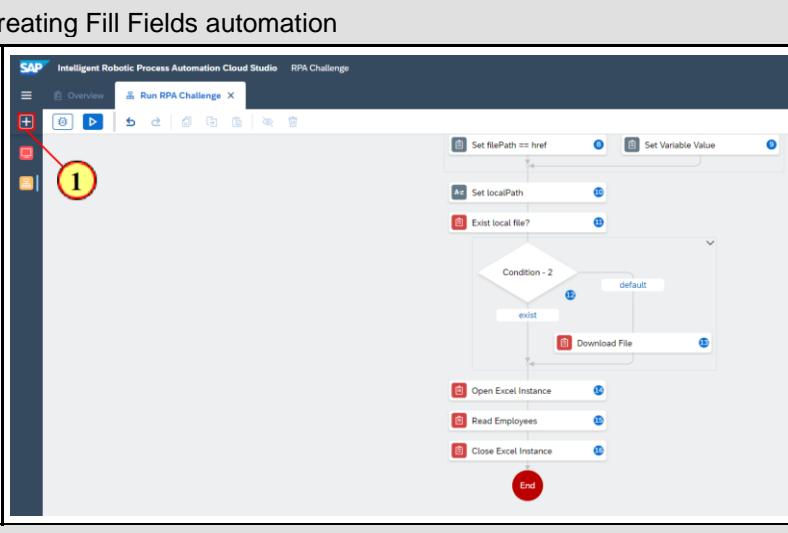
Explanation	Screenshot
(1) Click on browse	
Selecting the Excel file	
(1) Select Challenge.xlsx	
Selecting the Excel file	
(1) Click on Open	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

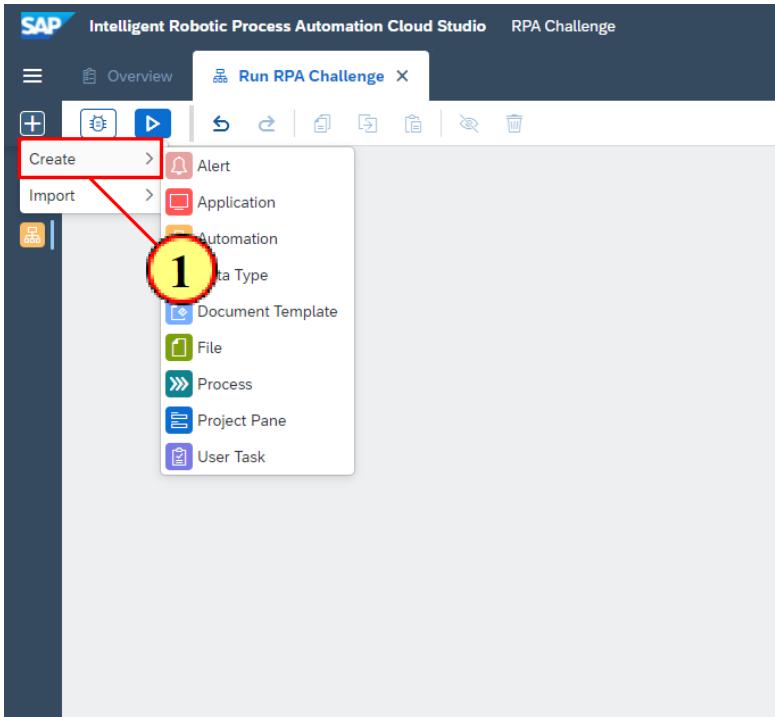
Explanation	Screenshot
(1) Drag the panel to the left to make more visibility if needed	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	
(1) Drop where needed	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

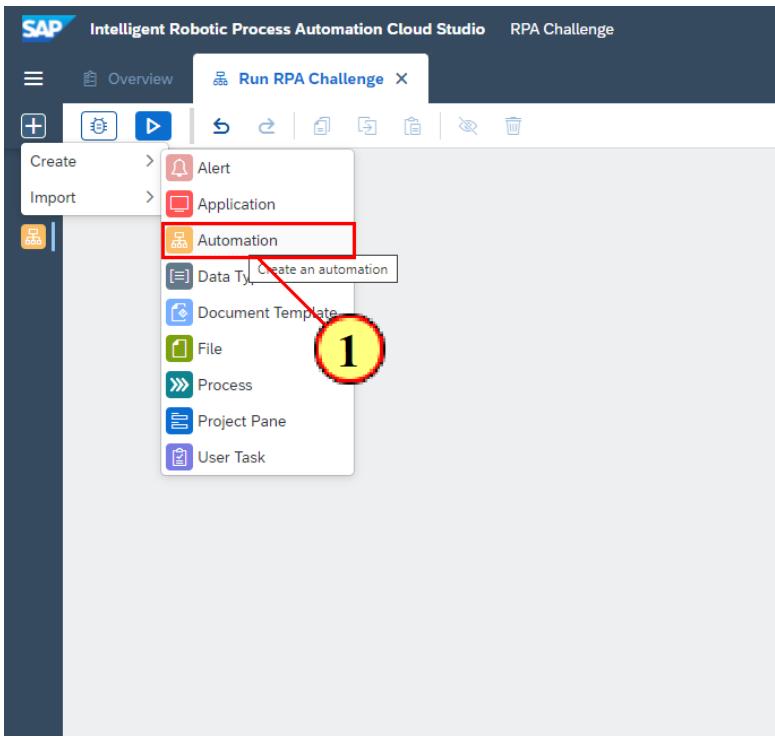
Explanation	Screenshot
(1) Set name to Person	 <p>Create Data Type from your Excel data</p> <p>*Name: e.g. My first Data Type</p> <p>Description: e.g. A Data Type describing a person</p> <p>You can create a flat data type based on your current Excel data. The fields and mapping will automatically be created. You won't be able to create it if no Excel file has been uploaded or if it contains no data.</p> <p>Create Cancel</p>
(1) Click on Create	 <p>Create Data Type from your Excel data</p> <p>*Name: Person</p> <p>Description: e.g. A Data Type describing a person</p> <p>You can create a flat data type based on your current Excel data. The fields and mapping will automatically be created. You won't be able to create it if no Excel file has been uploaded or if it contains no data.</p> <p>Create Cancel</p>
(1) Set the Workbook path to c:\temp\challenge.xlsx	 <p>RPA Challenge - SAP Intelligent ...</p> <p>SAP Intelligent Robotic Process Automation Cloud Studio RPA Challenge</p> <p>Set localPath</p> <p>Exist local file?</p> <p>Condition - 2</p> <p>exist</p> <p>Download File</p> <p>Excel File</p> <p>challenge.xlsx</p> <p>Sheet1</p> <p>*Range definition: A1:H1000</p> <p>*Workbook path: A:\</p>
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

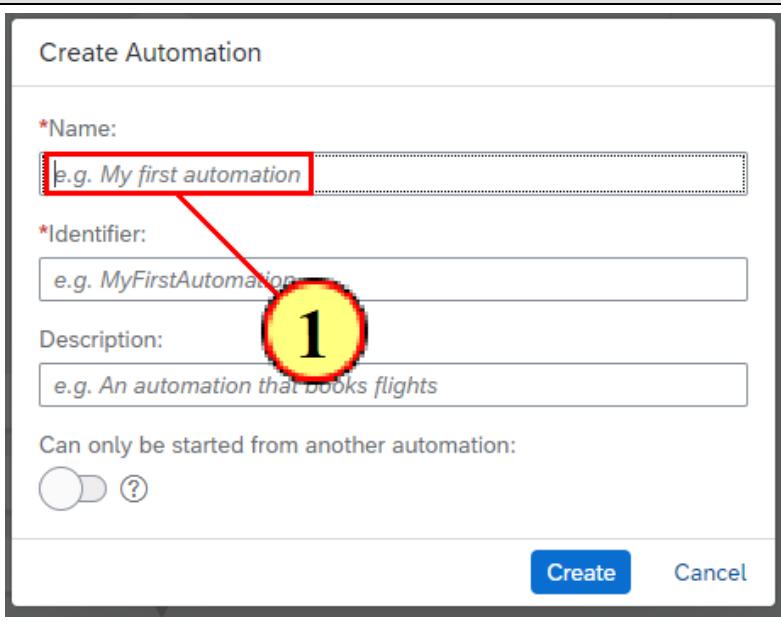
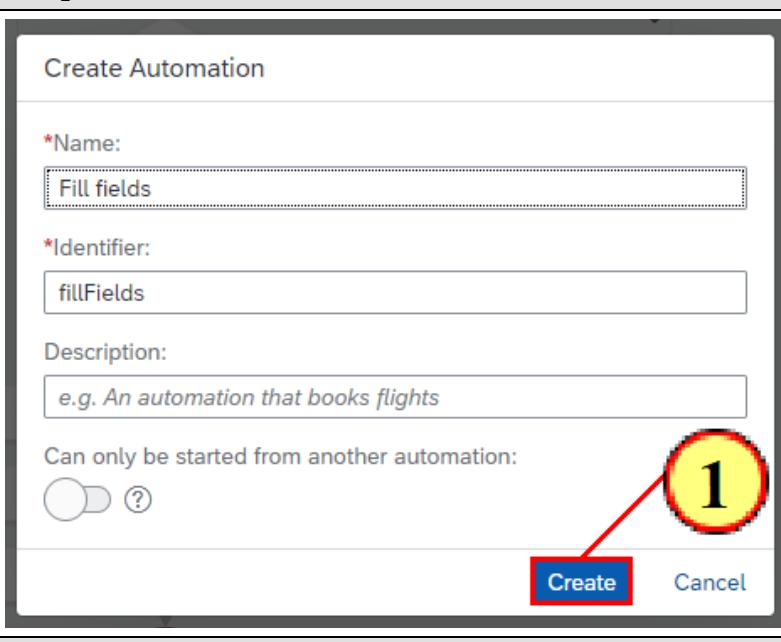
Explanation	Screenshot
(1) Click on the string between quotes	
RPA Challenge – Cloud Studio – Add Close Excel Instance activity	
(1) Close the properties panel	
RPA Challenge – Cloud Studio – Add Close Excel Instance activity	

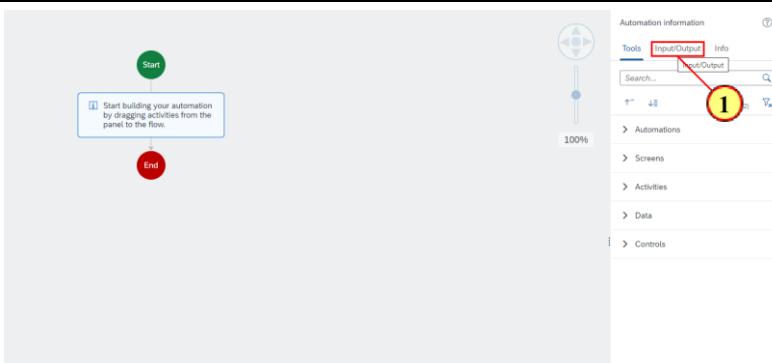
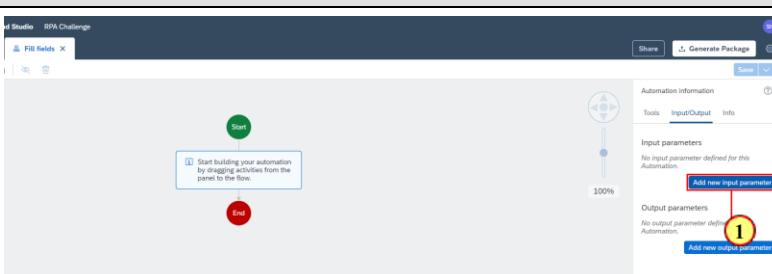
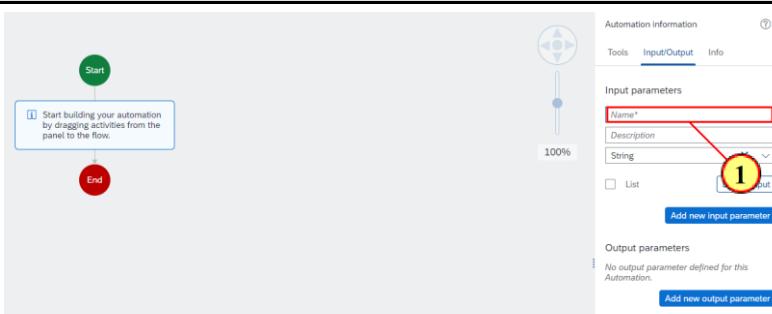
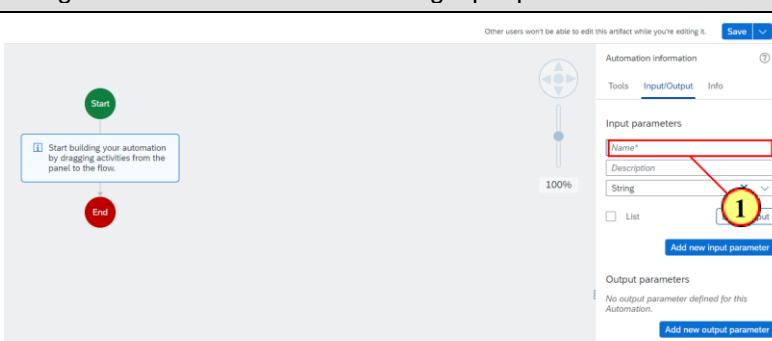
Explanation	Screenshot
<p>(1) Search for Close Excel Instance</p>	
<p>RPA Challenge – Cloud Studio – Add Close Excel Instance activity</p> <p>(1) Drag the Activity</p>	
<p>RPA Challenge – Cloud Studio – Add Close Excel Instance activity</p> <p>(1) Drop it into the workflow after the Read Employees activity</p>	
<p>RPA Challenge – Cloud Studio – Saving automation</p>	

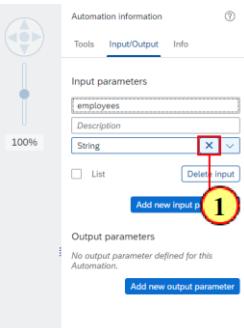
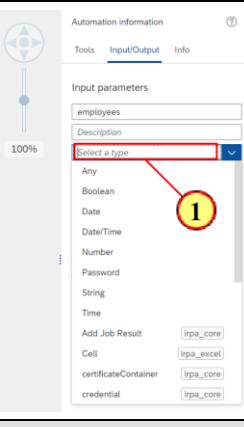
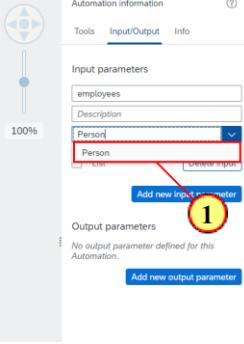
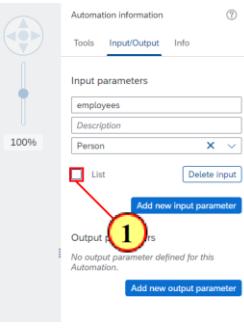
Explanation	Screenshot
(1) Click on Save	
<p>RPA Challenge – Cloud Studio – Creating Fill Fields automation</p> <p>At this stage, we need to create a new automation called Fill fields that we will use as a sub-automation inside the Run RPA Challenge automation.</p> <p>Let's do that!</p>	
<p>(1) In SAP Intelligent RPA Cloud Studio, click on the icon </p>	
<p>RPA Challenge – Cloud Studio – Creating Fill Fields automation</p>	

Explanation	Screenshot
<p>(1) Then click the Create button on the left-hand side panel. A dropdown menu opens.</p>	 <p>The screenshot shows the SAP Intelligent Robotic Process Automation Cloud Studio interface. On the left, there is a vertical toolbar with a 'Create' button highlighted by a red box. A dropdown menu is open from this button, showing options like 'Alert', 'Application', and 'Automation'. A large yellow circle with the number '1' is drawn around the 'Automation' option in the menu.</p>

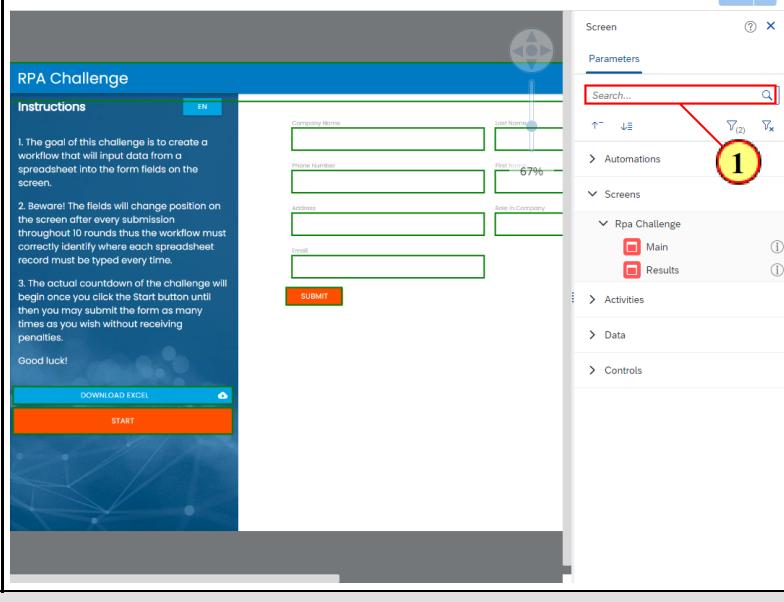
RPA Challenge – Cloud Studio – Creating Fill Fields automation	
(1) Select Automation	 <p>The screenshot shows the same SAP interface as the previous one, but now the 'Automation' option in the 'Create' dropdown menu is highlighted with a red box. A large yellow circle with the number '1' is drawn around this highlighted option.</p>

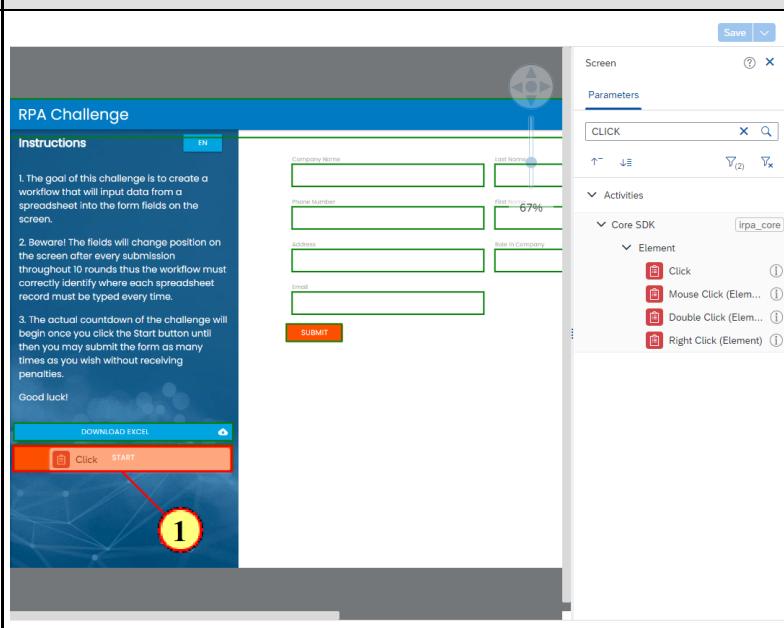
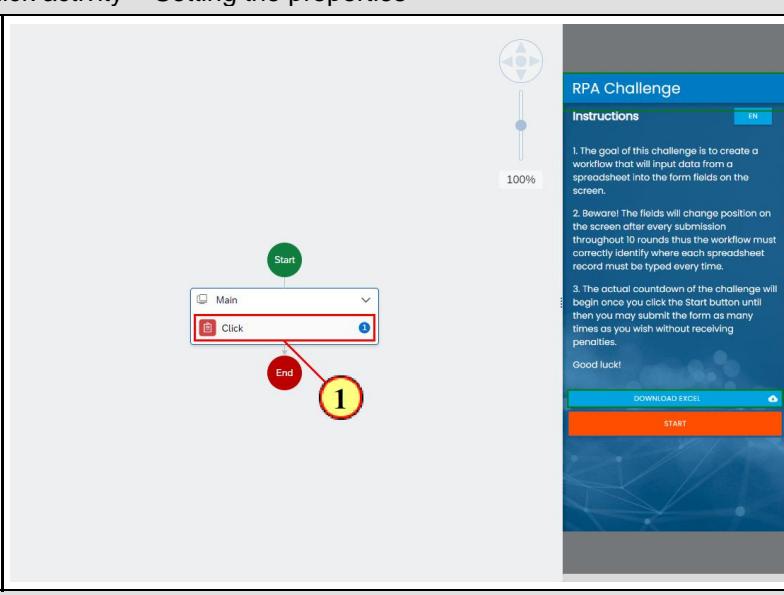
Explanation	Screenshot
(1) Set the Name to Fill fields	 <p>Create Automation</p> <p>*Name: e.g. My first automation</p> <p>*Identifier: e.g. MyFirstAutomation</p> <p>Description: e.g. An automation that books flights</p> <p>Can only be started from another automation:</p> <p><input type="checkbox"/> ?</p> <p>Create Cancel</p>
RPA Challenge – Cloud Studio – Creating Fill Fields automation	
(1) Click on Create	 <p>Create Automation</p> <p>*Name: Fill fields</p> <p>*Identifier: fillFields</p> <p>Description: e.g. An automation that books flights</p> <p>Can only be started from another automation:</p> <p><input type="checkbox"/> ?</p> <p>Create Cancel</p>
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	

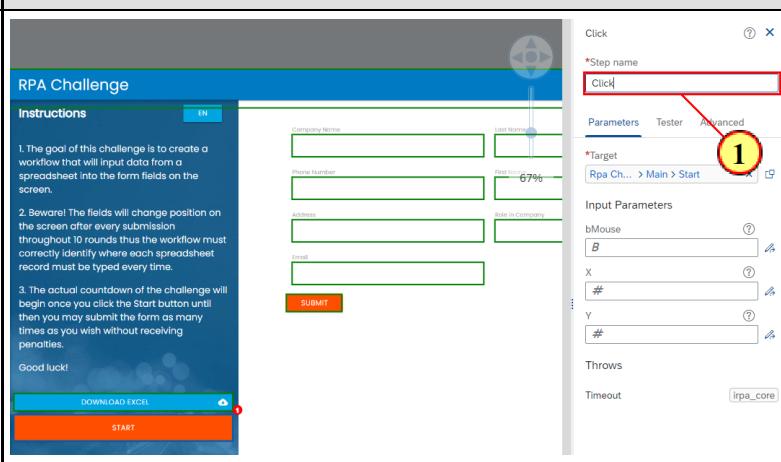
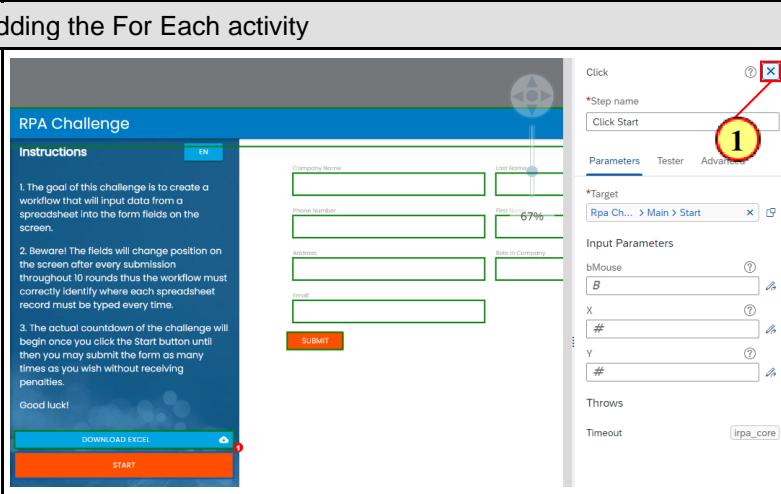
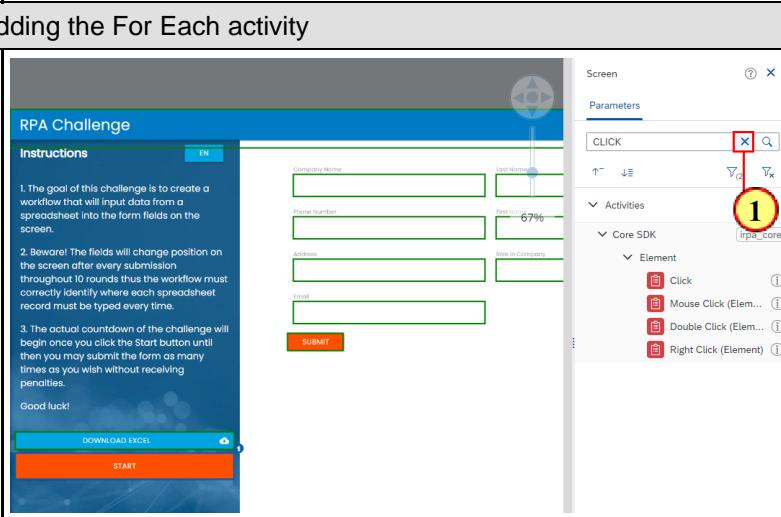
Explanation	Screenshot
(1) Click on Input/Output	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Click on Add new input parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Click on the Name parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Set the Name of the parameter to employees	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	

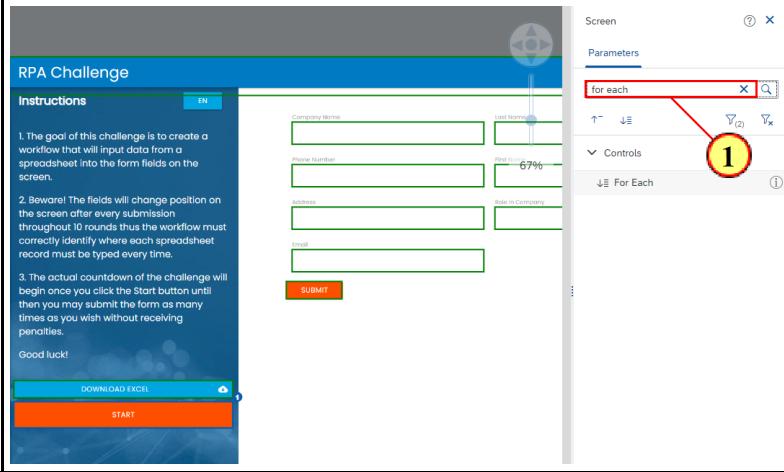
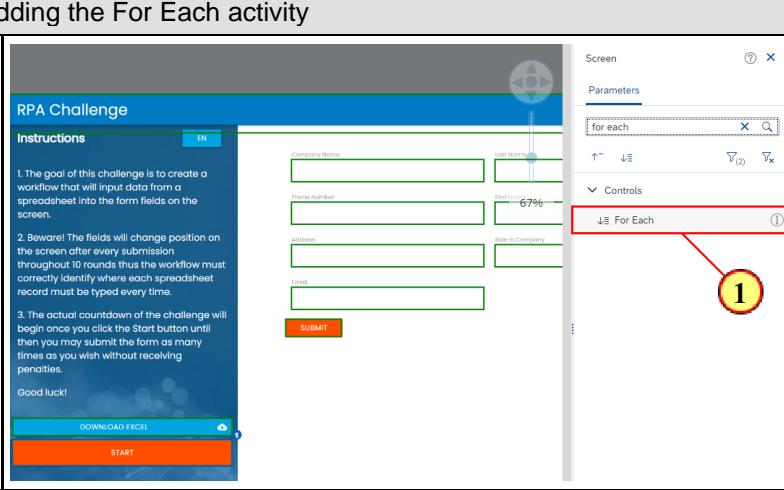
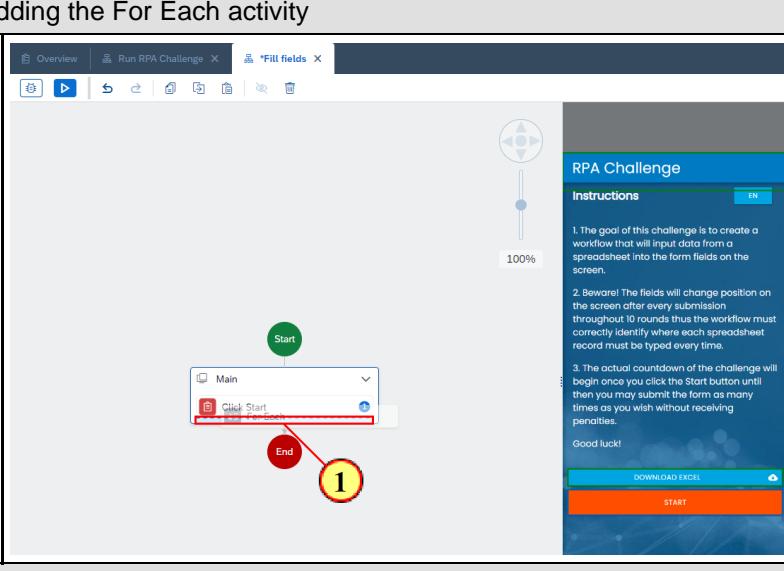
Explanation	Screenshot
(1) Clear the Data Type parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Search for Person Data Type	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Select Person	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
<p>(1) Click List</p> <p> A list is used to pass multiple input values</p>	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	

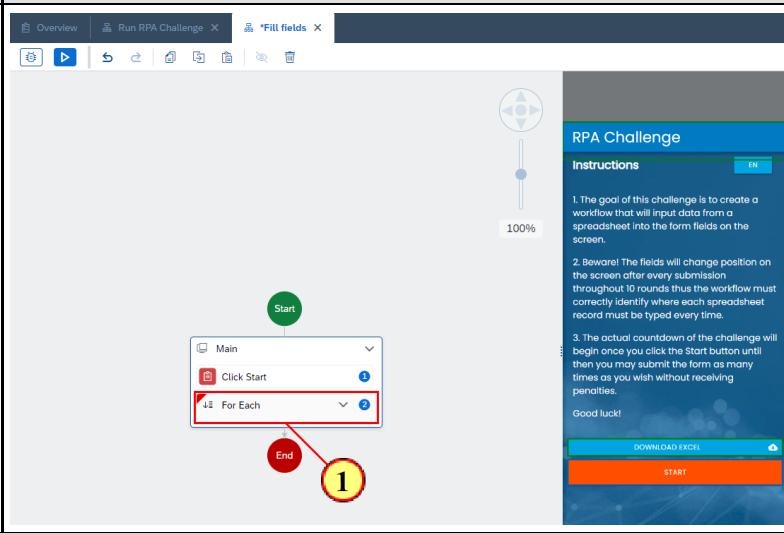
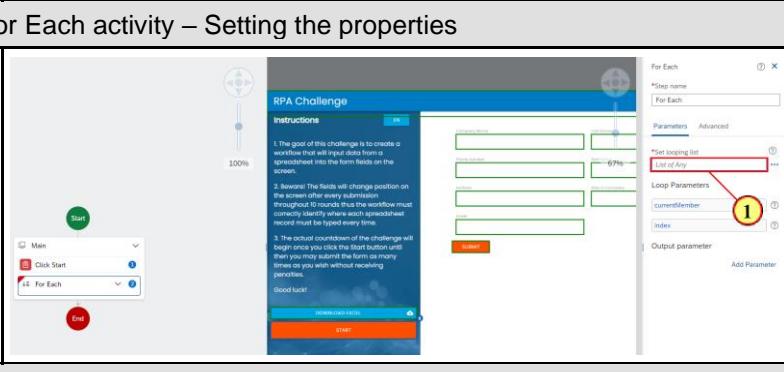
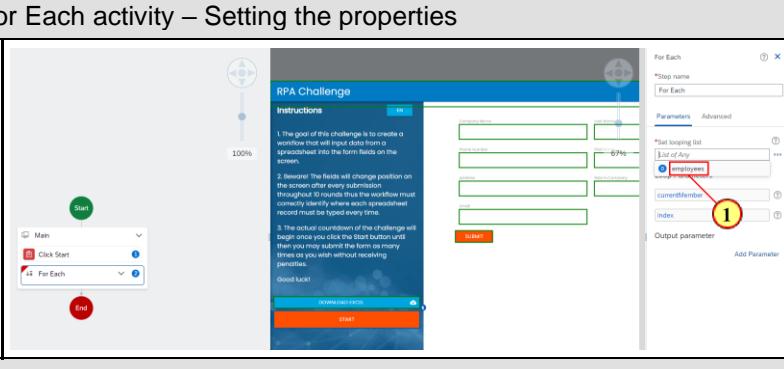
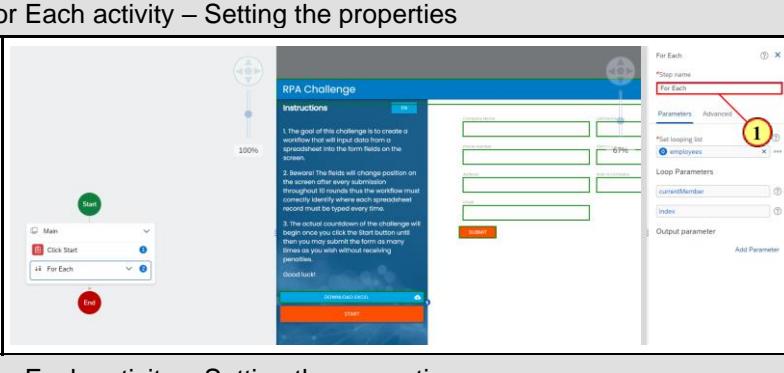
Explanation	Screenshot
(1) Click on the canvas	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	
(1) In Automation Information, expand the Screens list in the dropdown menu on the right-hand side panel	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	
(1) Drag the Main screen	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	
(1) Drop it into the workflow	
RPA Challenge – Cloud Studio – Main screen – Adding activities	

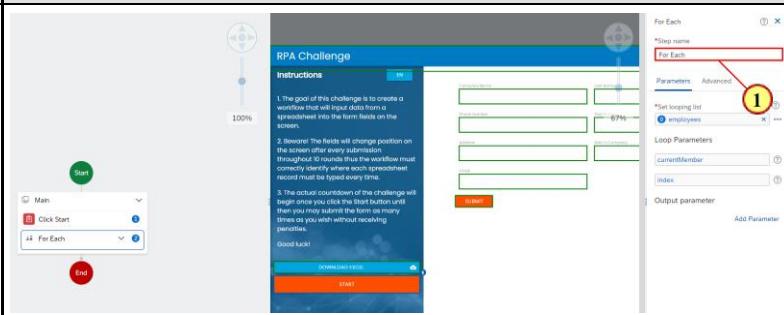
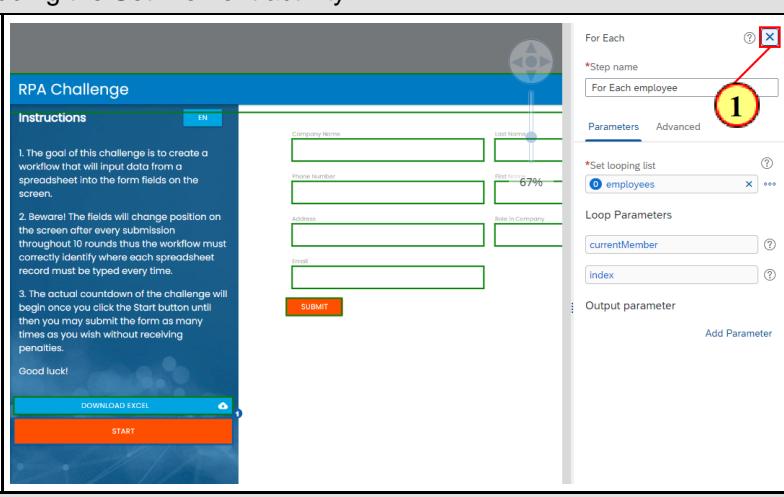
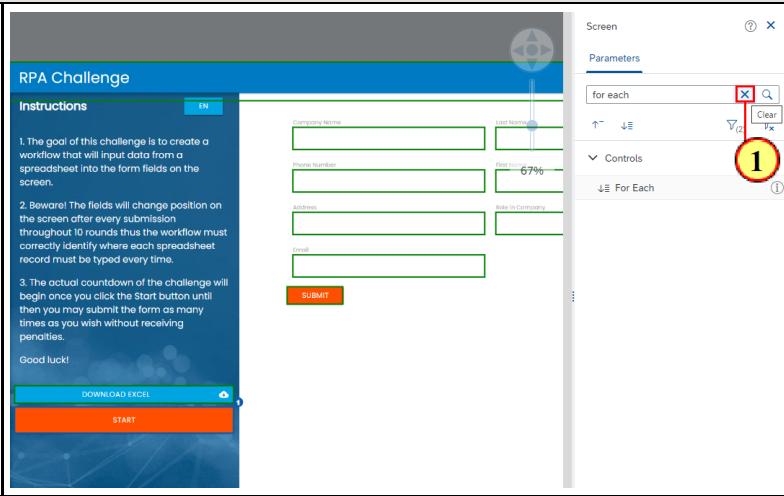
Explanation	Screenshot
(1) Select Main in the workflow and click the Define Screen Activities button on the Screen panel	 <p>The screenshot shows a workflow diagram with a single node labeled 'Main'. This node is highlighted with a red box and has a yellow circle with the number '1' placed next to it, indicating the step to select it.</p>
RPA Challenge – Cloud Studio – Main screen – Adding the Click activity	 <p>The screenshot shows the Cloud Studio interface. On the right, the 'Activities' panel is open, and the search bar at the top is highlighted with a red box. A yellow circle with the number '1' is placed over the search bar, indicating the step to enter 'Click' into it.</p>
(1) Choose the Click activity, drag it and	 <p>The screenshot shows the Cloud Studio interface with the 'Activities' panel open. The 'Click' activity is selected and highlighted with a red box. A yellow circle with the number '1' is placed over the 'Click' activity in the list, indicating the step to choose it.</p>
RPA Challenge – Cloud Studio – Main screen – Adding the Click activity	

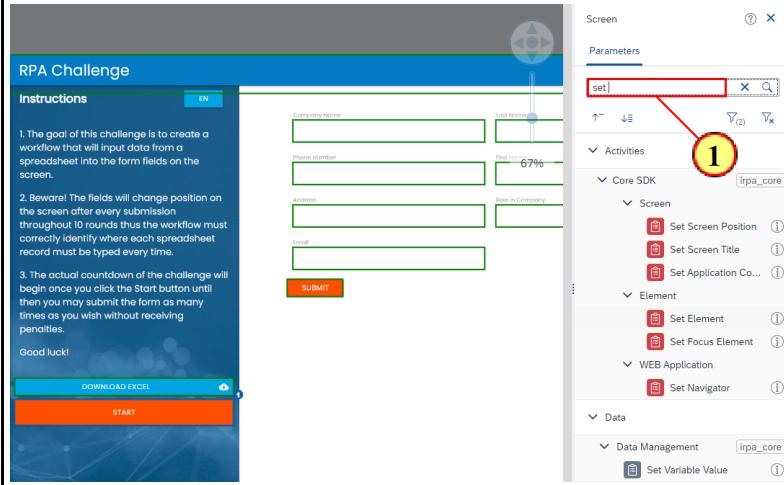
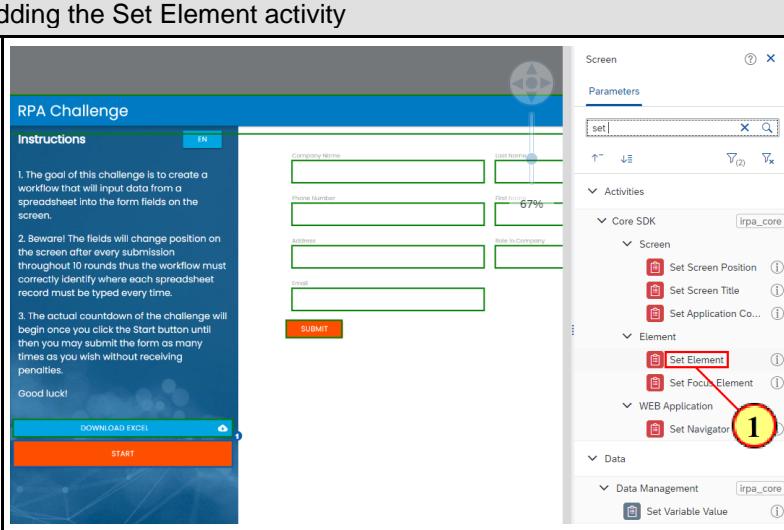
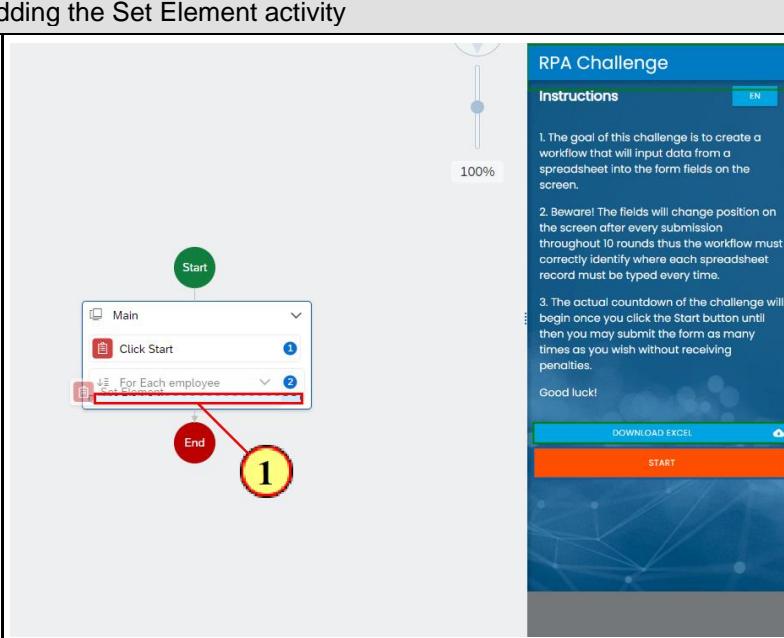
Explanation	Screenshot
(1) Drop it on the element Start button	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Click on the activity to show the properties	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	

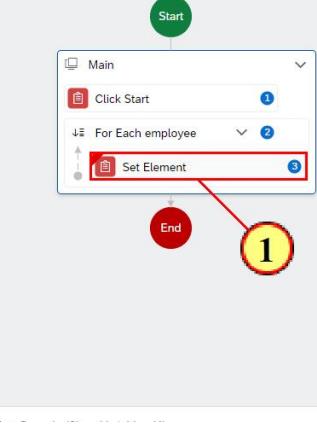
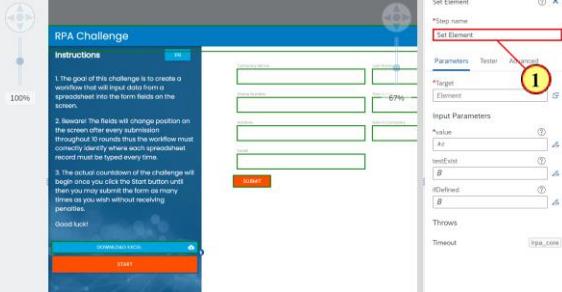
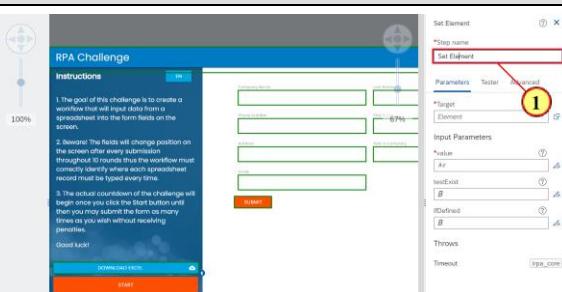
Explanation	Screenshot
<p>(1) Set the Step name parameter to Click Start</p>	
<p>(1) Close step properties</p>	
<p>(1) Clear the search field</p>	

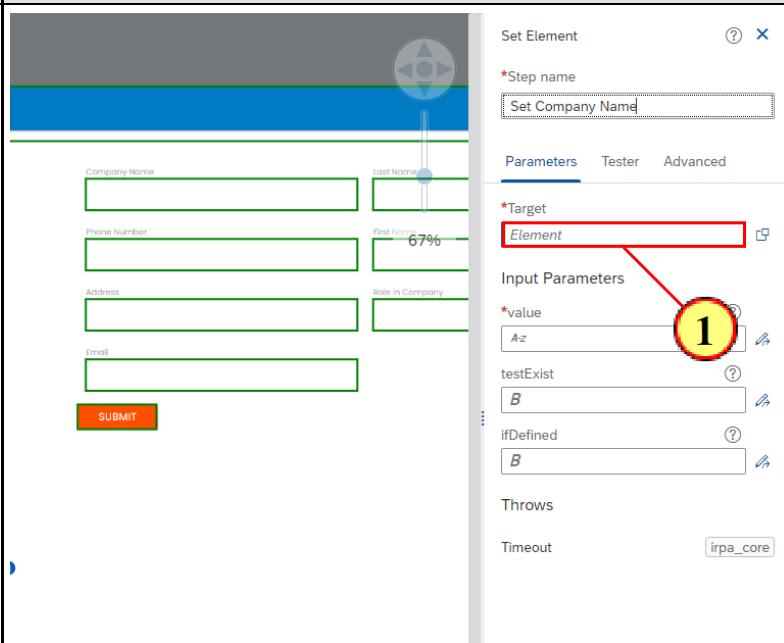
Explanation	Screenshot
<p>(1) Search for For Each</p>	
<p>(1) Drag the Activity</p>	
<p>(1) Drop it into the workflow inside the Main screen below the Click Start activity</p>	
<p>RPA Challenge – Cloud Studio – For Each activity – Setting the properties</p>	

Explanation	Screenshot
(1) Click on the activity to show the properties	
RPA Challenge – Cloud Studio – For Each activity – Setting the properties	
(1) Select the variable employees	
RPA Challenge – Cloud Studio – For Each activity – Setting the properties	
RPA Challenge – Cloud Studio – For Each activity – Setting the properties	

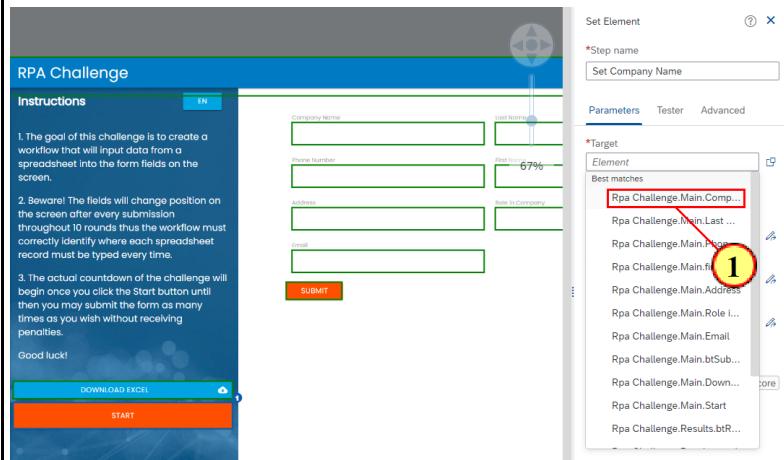
Explanation	Screenshot
(1) Add employee to the Step name	
RPA Challenge – Cloud Studio – Adding the Set Element activity	
(1) Close step properties	
RPA Challenge – Cloud Studio – Adding the Set Element activity	
(1) Clear the search field	
RPA Challenge – Cloud Studio – Adding the Set Element activity	

Explanation	Screenshot
(1) Search for the Set Element activity	
(1) Drag the Activity	
(1) Drop it into the workflow inside the For Each employee loop	

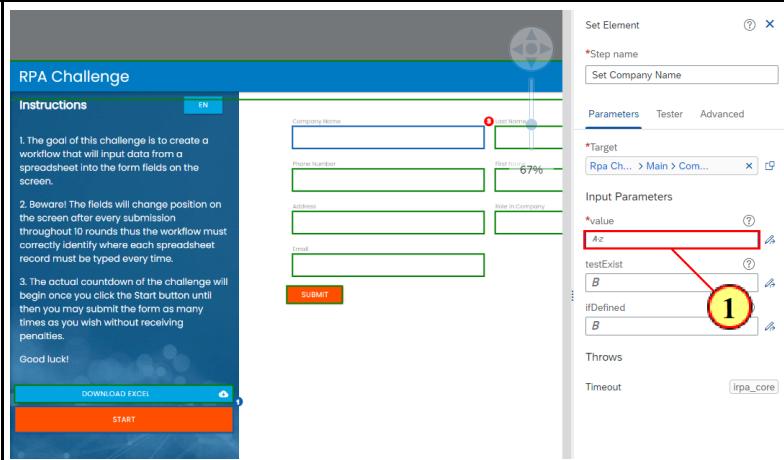
Explanation	Screenshot
RPA Challenge – Cloud Studio – Set Element activity – Setting the properties	
(1) Click on the activity to set the properties	 <p>The screenshot shows a workflow editor with a main screen labeled 'Main'. The workflow consists of a 'Click Start' step, a 'For Each employee' loop, and a 'Set Element' step. The 'Set Element' step is highlighted with a red circle containing the number 1. An 'End' step follows the loop. To the right of the workflow is a preview window titled 'RPA Challenge' with instructions and a 'START' button.</p>
RPA Challenge – Cloud Studio – Set Element activity – Setting the properties	
(1) Click on the Step name parameter	 <p>The screenshot shows the properties dialog for the 'Set Element' activity. The 'Step name' field is highlighted with a red circle containing the number 1. Other parameters like 'Target' and 'Value' are also visible.</p>
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	
(1) Set it as Set Company Name	 <p>The screenshot shows the properties dialog for the 'Set Element' activity with 'Step name' set to 'Set Company Name'. The 'Step name' field is highlighted with a red circle containing the number 1.</p>
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	

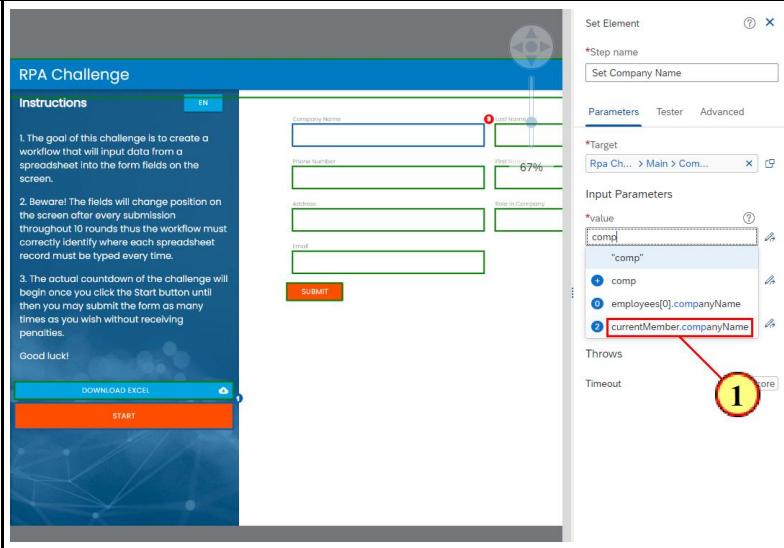
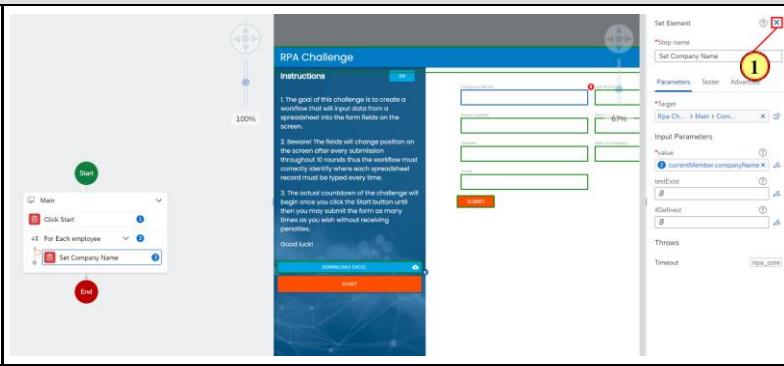
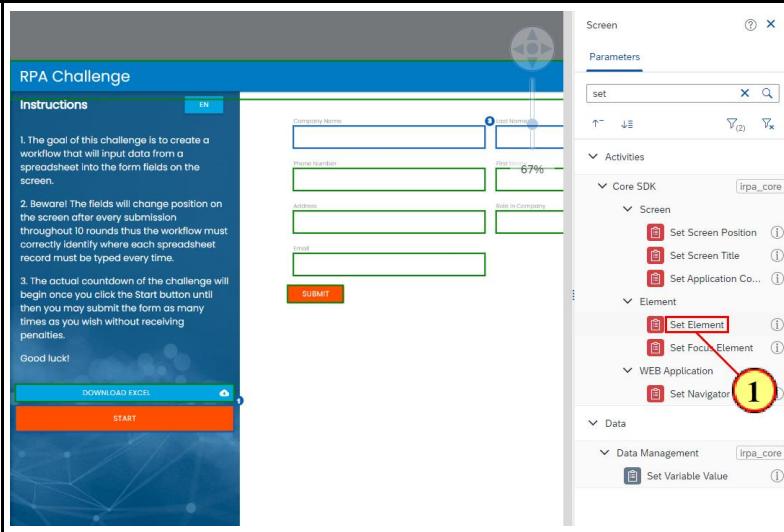
Explanation	Screenshot
(1) Click on Target parameter	

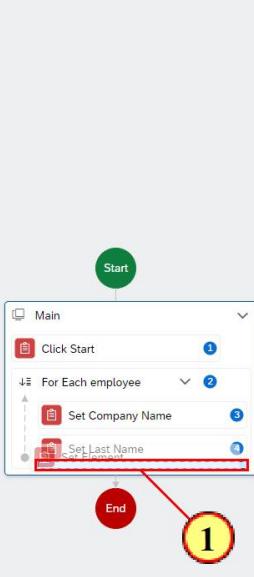
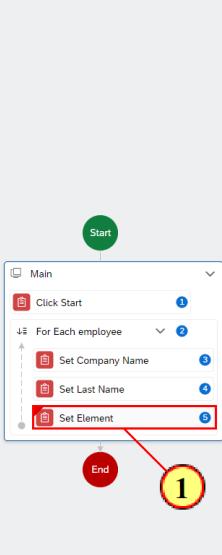
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties

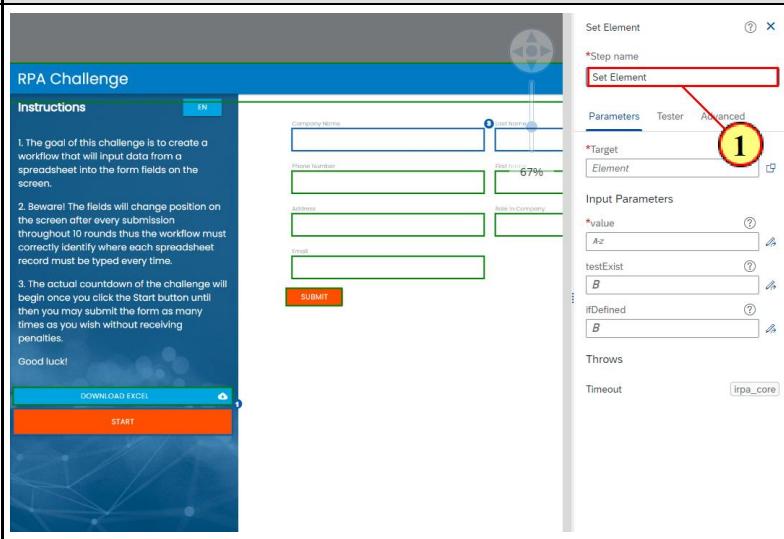
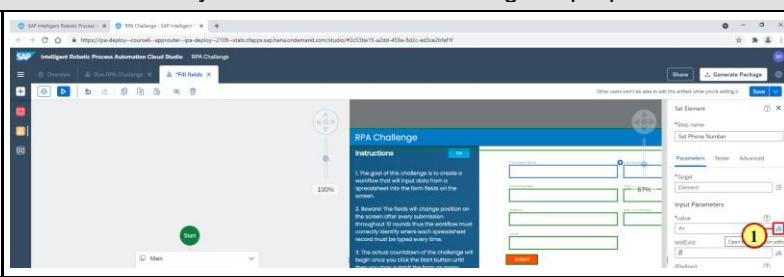
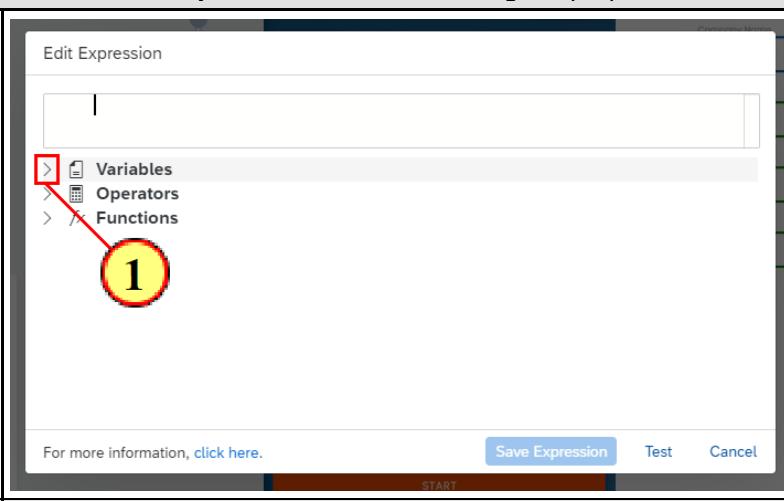
(1) Select Rpa Challenge.Main.CompanyName	
--	---

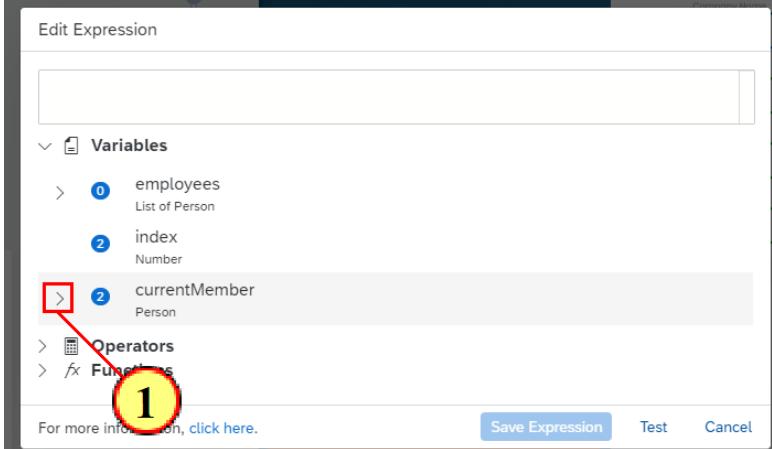
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties

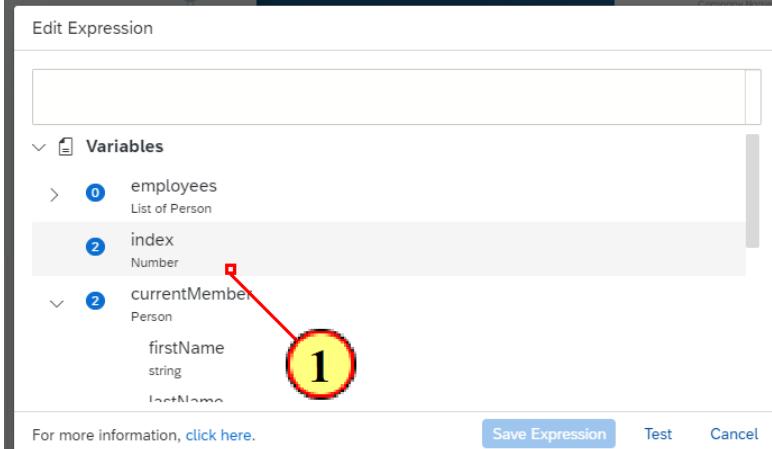
(1) Click on Value and type Company	
---	--

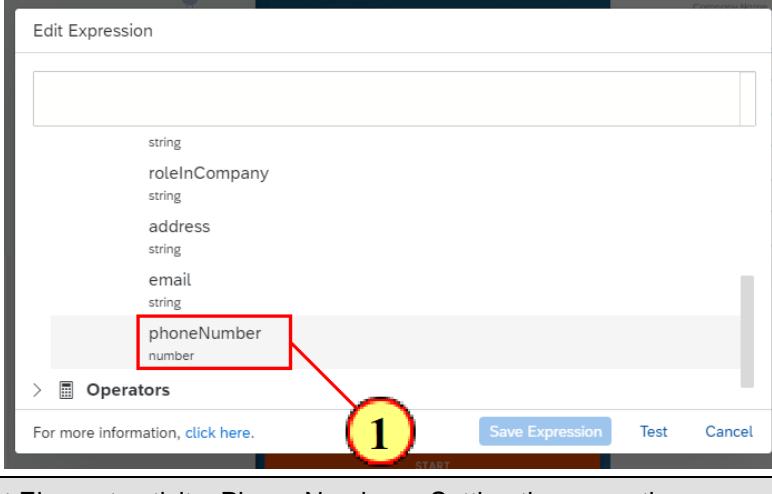
Explanation	Screenshot
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	
(1) Select currentMember.companyName	
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Close Step properties	
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Drag another Set Element activity	
RPA Challenge – Cloud Studio – Adding set Element activity	

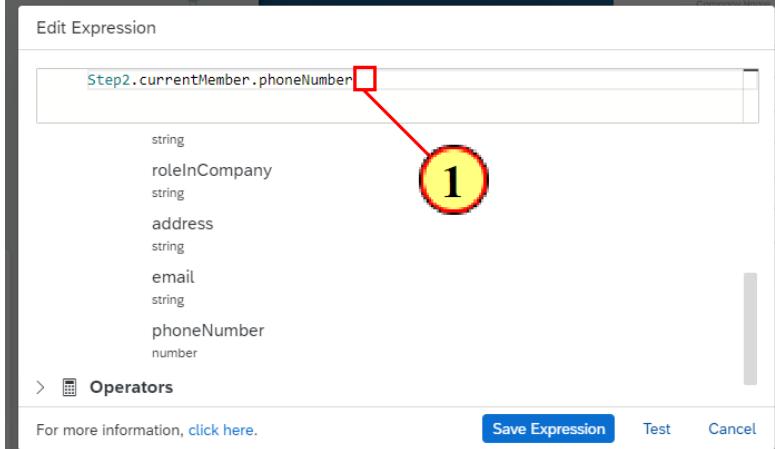
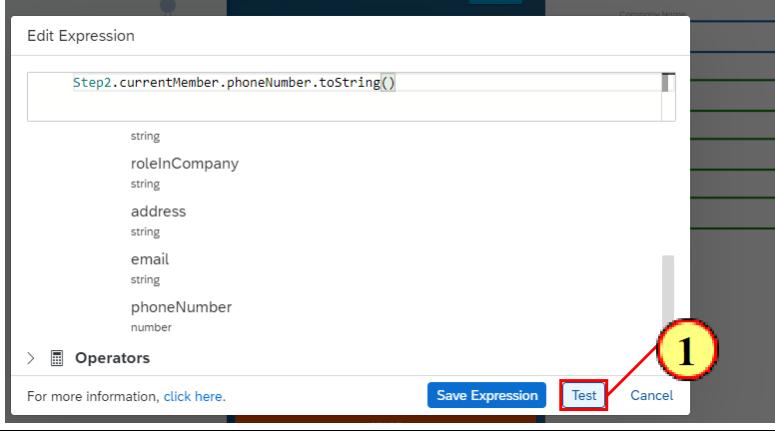
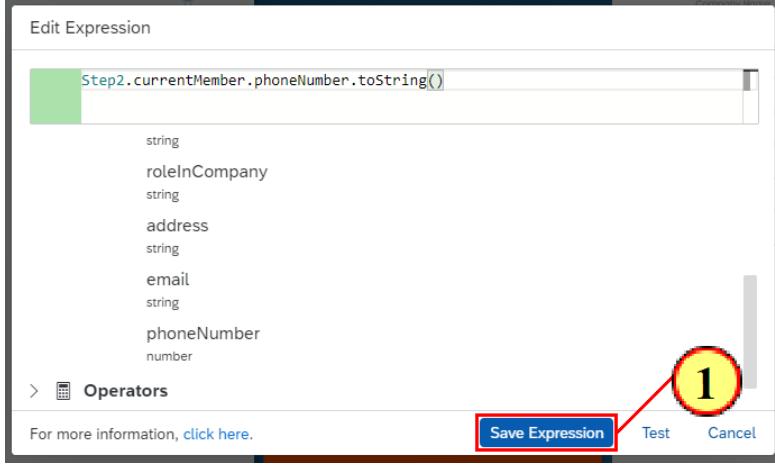
Explanation	Screenshot
(1) Drop it into the workflow below the last activity	 <p>RPA Challenge</p> <p>Instructions</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL</p> <p>START</p>
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Click on the activity to set the properties	 <p>RPA Challenge</p> <p>Instructions</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL</p> <p>START</p>
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	

Explanation	Screenshot
<p>(1) Set the Step name parameter to Set Phone Number</p>	
<p>RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties</p>	
<p>(1) Click on the Expression Editor icon of the value parameter</p>	
<p>RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties</p>	
<p>(1) Expand the Variables</p>	
<p>RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties</p>	

Explanation	Screenshot
<p>(1) Expand the currentMember node</p>	

RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Scroll down to find the Phone Number variable</p>	

RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Select phoneNumber</p>	

Explanation	Screenshot
<p>(1) Add .toString() function to the expression to convert a number to a string</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Click on Test to verify if the expression is valid</p> <p> The editor will highlight it in green if it is and in red if it is not.</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Click on Save Expression</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	

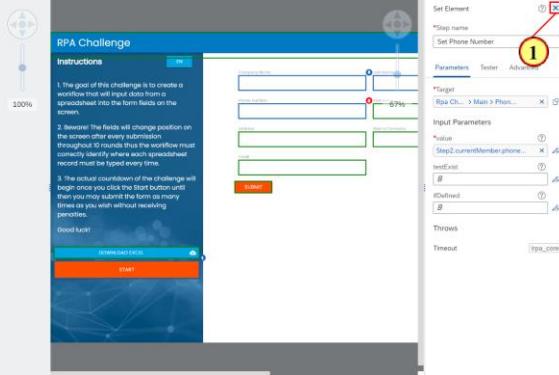
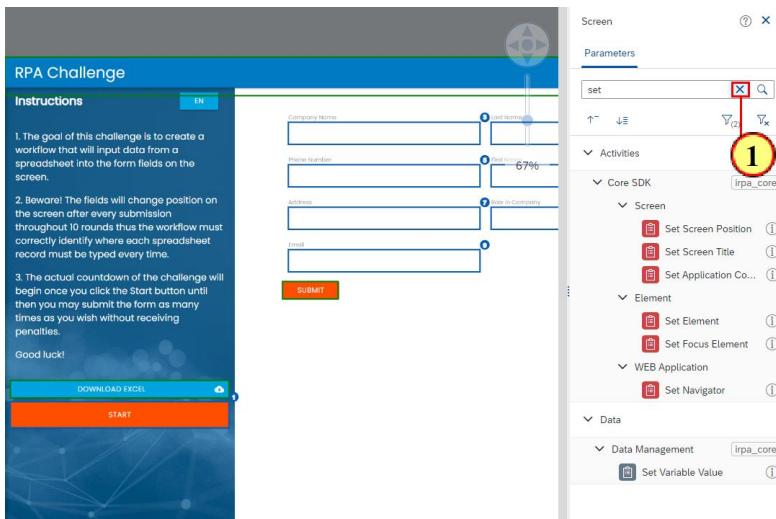
Explanation	Screenshot
<p>(1) Click on the Target parameter</p>	<p>The screenshot shows the RPA Challenge interface with a 'Set Element' activity selected. The 'Target' parameter is set to 'Element' and its value is 'Step2.currentMember.phoneNumber'. A red box highlights the 'Target' field, and a yellow circle with the number 1 points to it.</p>

RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties

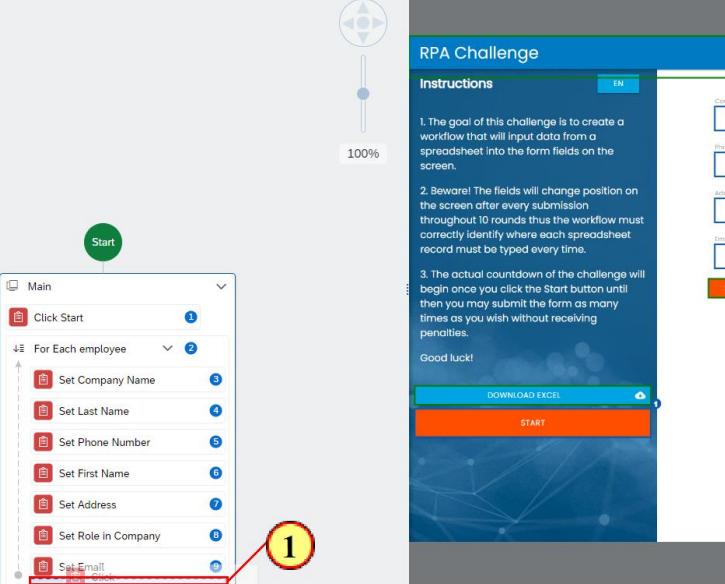
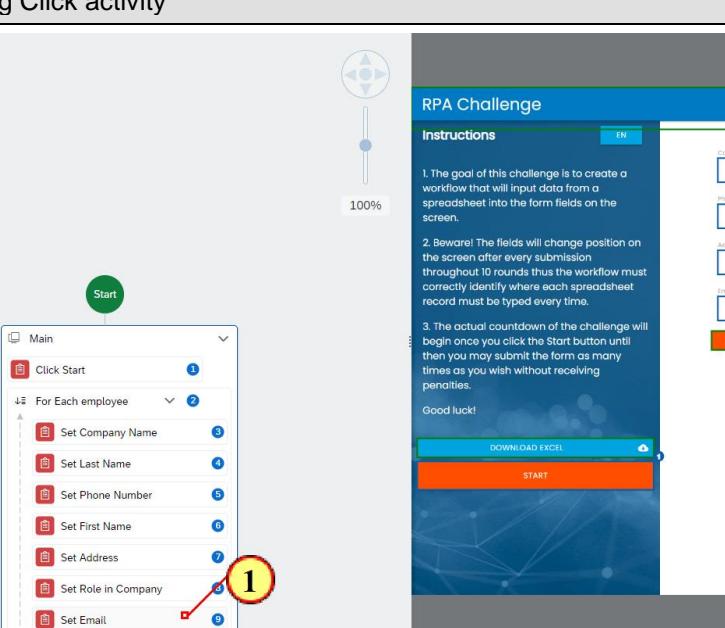
<p>(1) Select Rpa Challenge.Main.Phon...</p>	<p>The screenshot shows the RPA Challenge interface with the 'Target' dropdown menu open. The option 'Rpa Challenge.Main.PhoneNumber' is highlighted with a red box and a yellow circle with the number 1.</p>
--	--

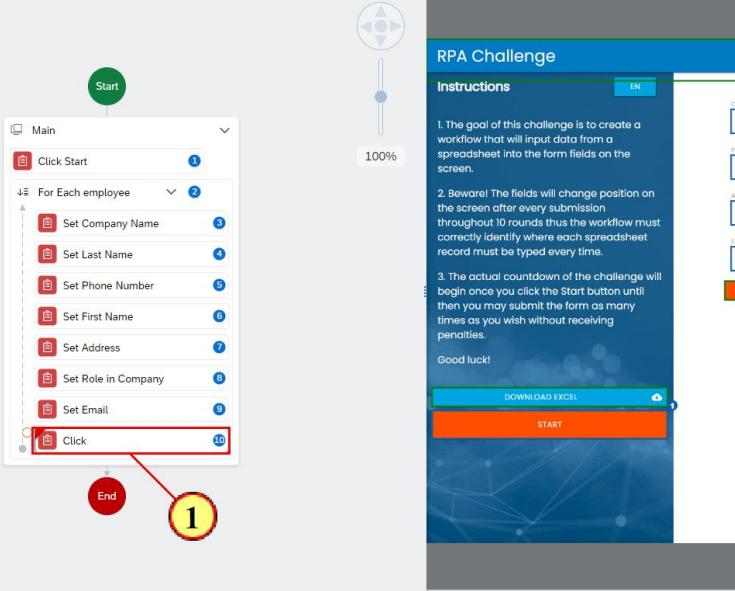
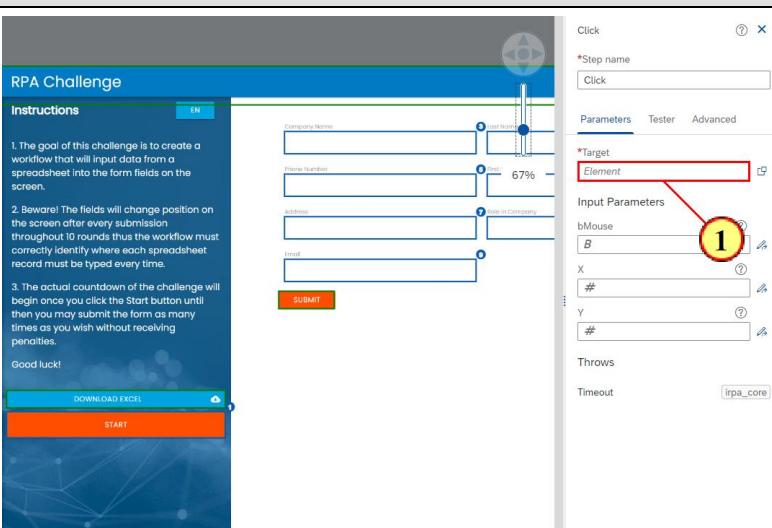
Fill the fields - Recap

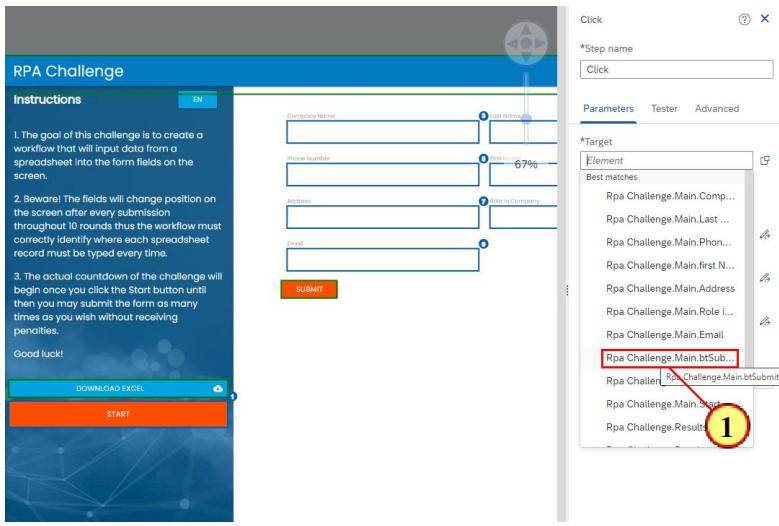
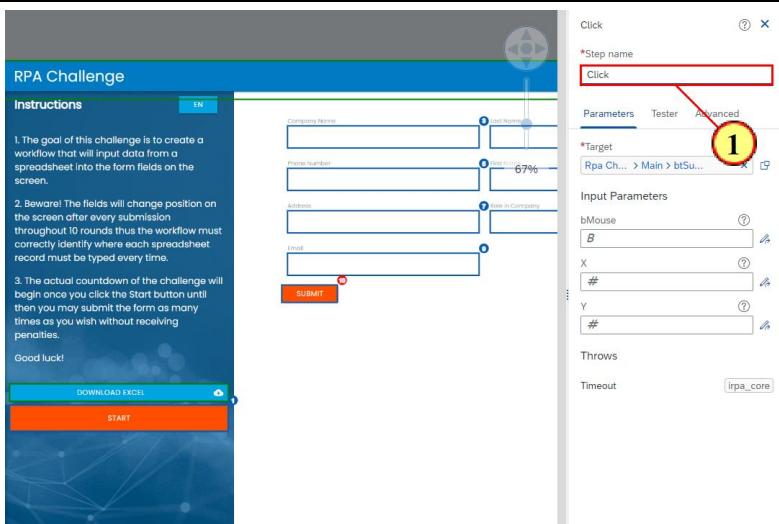
<p> Please find a table that recaps the steps you need to follow to fill the fields of your automation.</p> <p> The steps to follow to fill the Company Name field have been fully detailed in the tutorial for your convenience. The steps to fill the Phone Number field have been also given as this field has numbers and a String needs to be added.</p>	<table border="1" data-bbox="568 1617 1352 1751"> <thead> <tr> <th>Select Set Element activity:</th> <th>Set Step name:</th> <th>Click on Target and select :</th> <th>Click on value and type :</th> <th>Select:</th> <th>Close Step properties</th> </tr> </thead> <tbody> <tr> <td>Company Name*</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Company Name</td> <td>RpaChallenge.Main.CompanyName</td> <td>currentMember.companyName</td> <td>Close Step properties</td> </tr> <tr> <td>First Name</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set First Name</td> <td>RpaChallenge.Main.FirstName</td> <td>currentMember.firstName</td> <td>Close Step properties</td> </tr> <tr> <td>Last Name</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Last Name</td> <td>RpaChallenge.Main.LastName</td> <td>currentMember.lastName</td> <td>Close Step properties</td> </tr> <tr> <td>Role in Company</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Role in Company</td> <td>RpaChallenge.Main.RoleInCompany</td> <td>currentMember.roleInCompany</td> <td>Close Step properties</td> </tr> <tr> <td>Address</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Address</td> <td>RpaChallenge.Main.Address</td> <td>currentMember.address</td> <td>Close Step properties</td> </tr> <tr> <td>Phone Number*</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Phone Number</td> <td>RpaChallenge.Main.PhoneNumber</td> <td>*Follow the steps in the tutorial</td> <td>Close Step properties</td> </tr> <tr> <td>Email</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Email</td> <td>RpaChallenge.Main.Email</td> <td>currentMember.email</td> <td>Close Step properties</td> </tr> </tbody> </table>	Select Set Element activity:	Set Step name:	Click on Target and select :	Click on value and type :	Select:	Close Step properties	Company Name*	Drag and drop it into the workflow	Click on the activity and set Company Name	RpaChallenge.Main.CompanyName	currentMember.companyName	Close Step properties	First Name	Drag and drop it into the workflow	Click on the activity and set First Name	RpaChallenge.Main.FirstName	currentMember.firstName	Close Step properties	Last Name	Drag and drop it into the workflow	Click on the activity and set Last Name	RpaChallenge.Main.LastName	currentMember.lastName	Close Step properties	Role in Company	Drag and drop it into the workflow	Click on the activity and set Role in Company	RpaChallenge.Main.RoleInCompany	currentMember.roleInCompany	Close Step properties	Address	Drag and drop it into the workflow	Click on the activity and set Address	RpaChallenge.Main.Address	currentMember.address	Close Step properties	Phone Number*	Drag and drop it into the workflow	Click on the activity and set Phone Number	RpaChallenge.Main.PhoneNumber	*Follow the steps in the tutorial	Close Step properties	Email	Drag and drop it into the workflow	Click on the activity and set Email	RpaChallenge.Main.Email	currentMember.email	Close Step properties
Select Set Element activity:	Set Step name:	Click on Target and select :	Click on value and type :	Select:	Close Step properties																																												
Company Name*	Drag and drop it into the workflow	Click on the activity and set Company Name	RpaChallenge.Main.CompanyName	currentMember.companyName	Close Step properties																																												
First Name	Drag and drop it into the workflow	Click on the activity and set First Name	RpaChallenge.Main.FirstName	currentMember.firstName	Close Step properties																																												
Last Name	Drag and drop it into the workflow	Click on the activity and set Last Name	RpaChallenge.Main.LastName	currentMember.lastName	Close Step properties																																												
Role in Company	Drag and drop it into the workflow	Click on the activity and set Role in Company	RpaChallenge.Main.RoleInCompany	currentMember.roleInCompany	Close Step properties																																												
Address	Drag and drop it into the workflow	Click on the activity and set Address	RpaChallenge.Main.Address	currentMember.address	Close Step properties																																												
Phone Number*	Drag and drop it into the workflow	Click on the activity and set Phone Number	RpaChallenge.Main.PhoneNumber	*Follow the steps in the tutorial	Close Step properties																																												
Email	Drag and drop it into the workflow	Click on the activity and set Email	RpaChallenge.Main.Email	currentMember.email	Close Step properties																																												

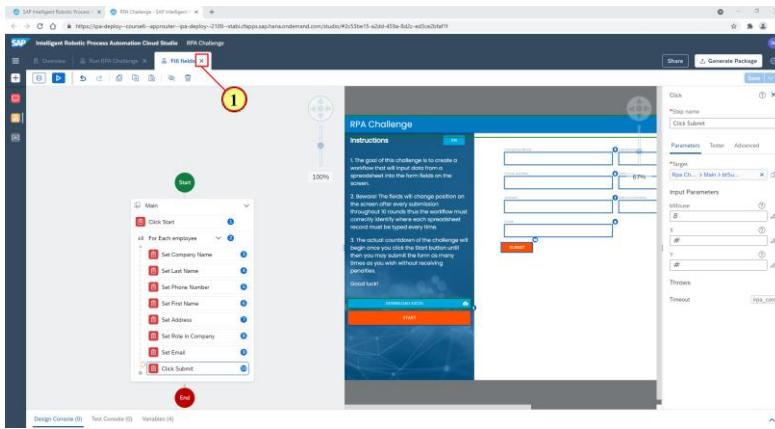
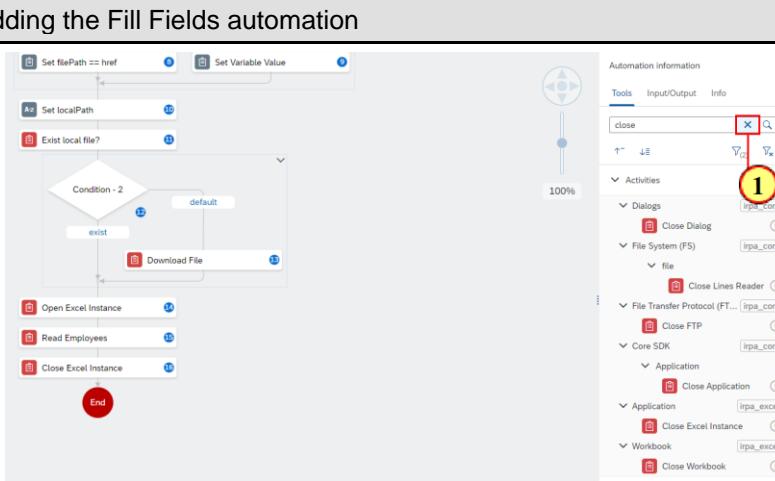
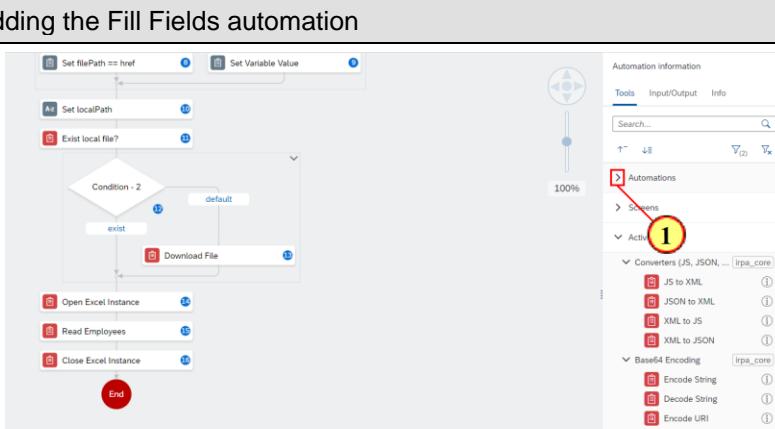
Explanation	Screenshot
 Kindly follow the directions in this table to proceed completing the five other fields.	
RPA Challenge – Cloud Studio – Adding Click activity	
<p>(1) Close the step properties</p>  Once you are done filling the fields of the Fill Fields Automation, we can pursue and add a Click activity to our RPA Challenge Automation	
RPA Challenge – Cloud Studio – Adding Click activity	
<p>(1) Clear the search field</p>	
RPA Challenge – Cloud Studio – Adding Click activity	

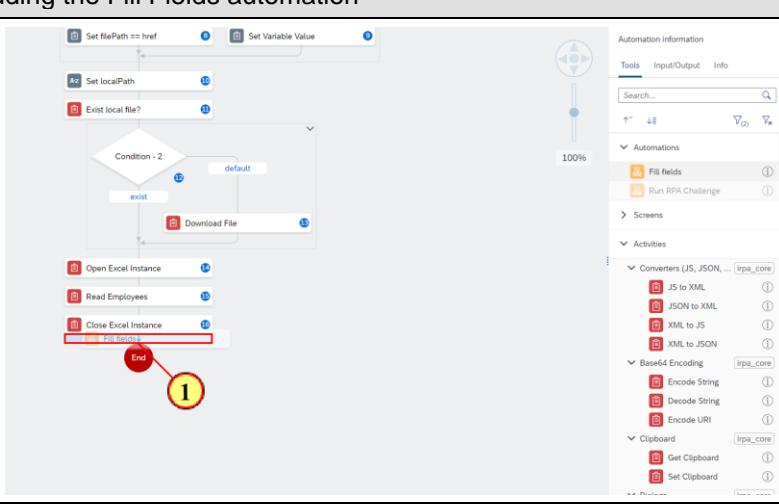
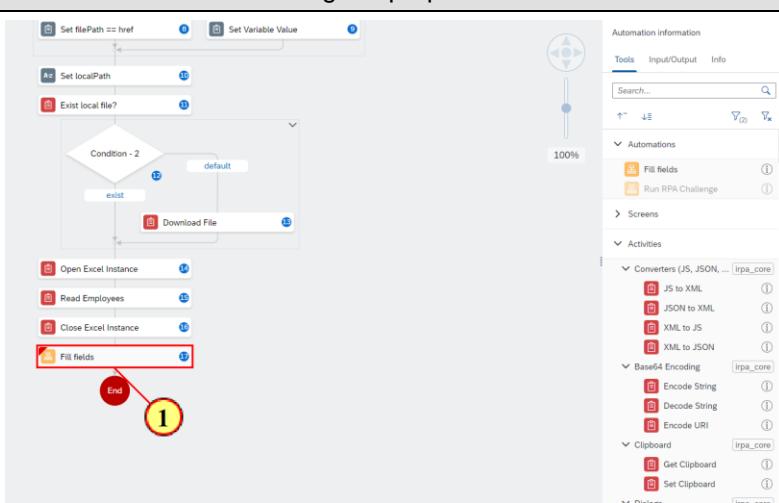
Explanation	Screenshot
<p>(1) Search for the Click activity</p>	
RPA Challenge – Cloud Studio – Adding Click activity	
<p>(1) Drag the Activity</p>	

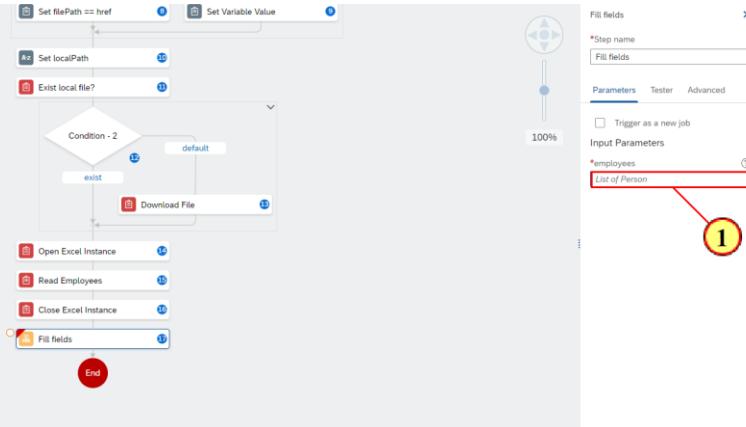
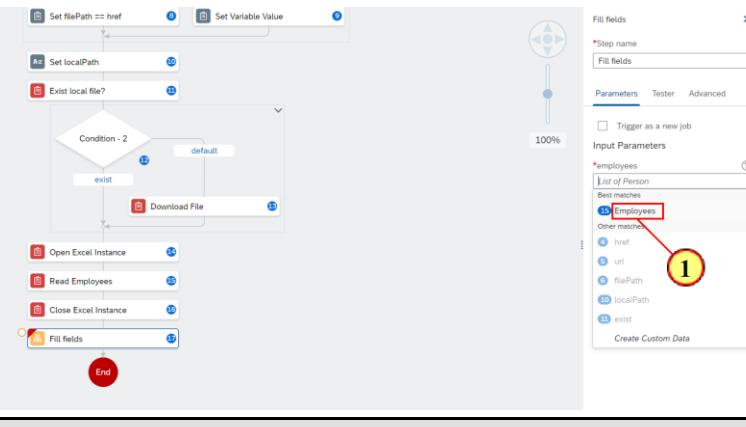
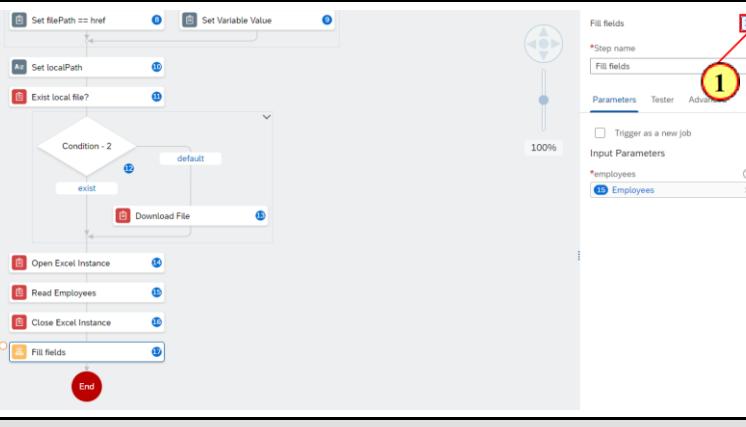
Explanation	Screenshot
(1) Drop it into the workflow below the last activity	
RPA Challenge – Cloud Studio – Adding Click activity	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	

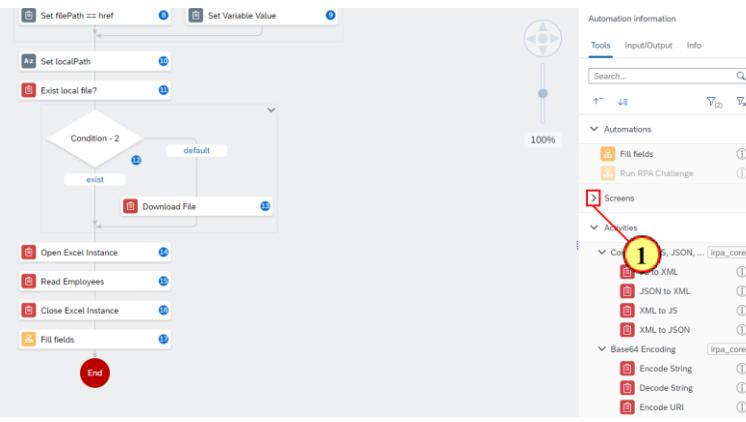
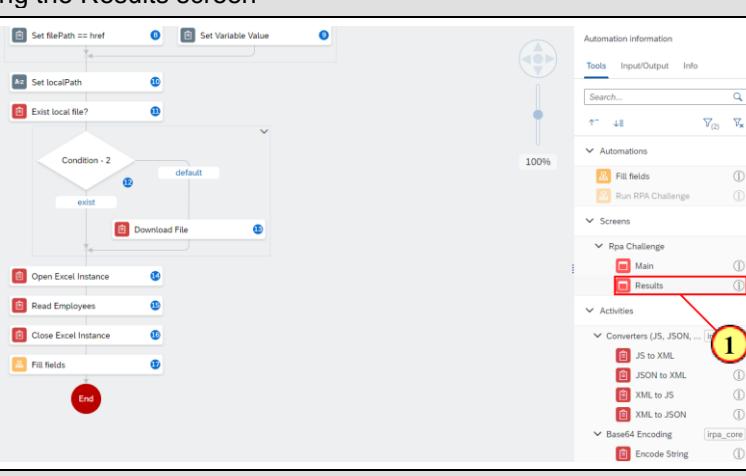
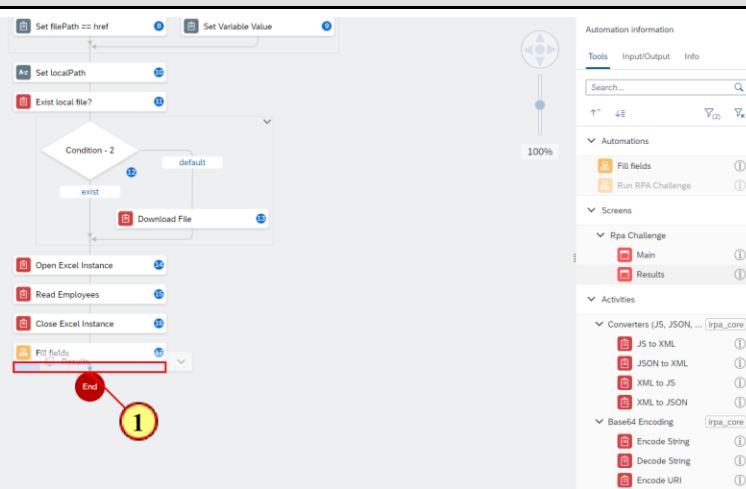
Explanation	Screenshot
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Click on the Target parameter	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	

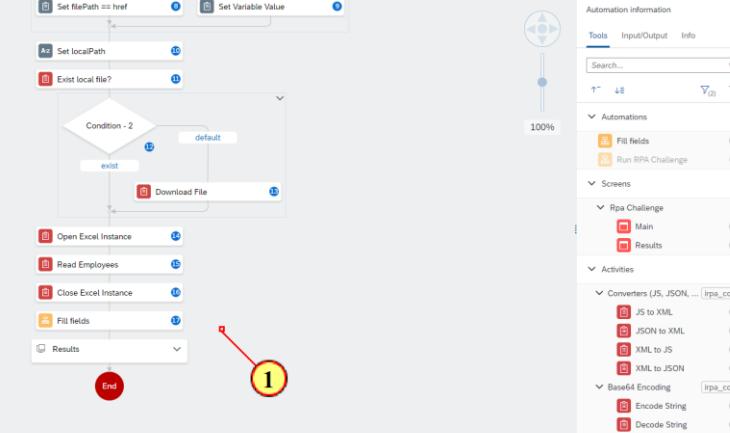
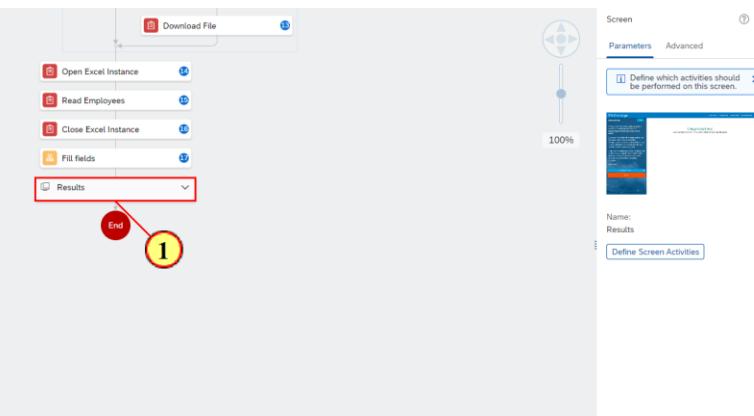
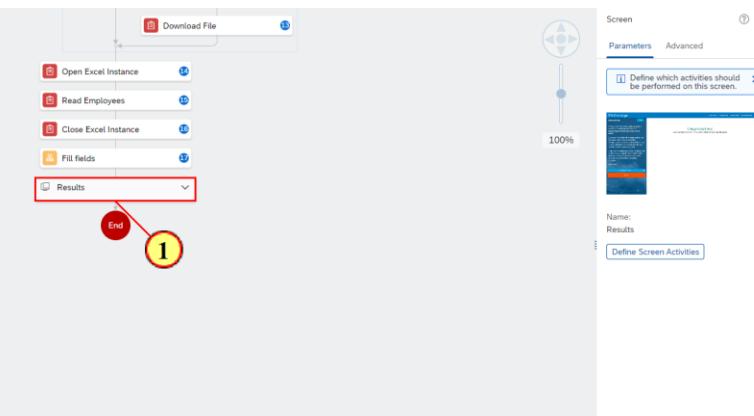
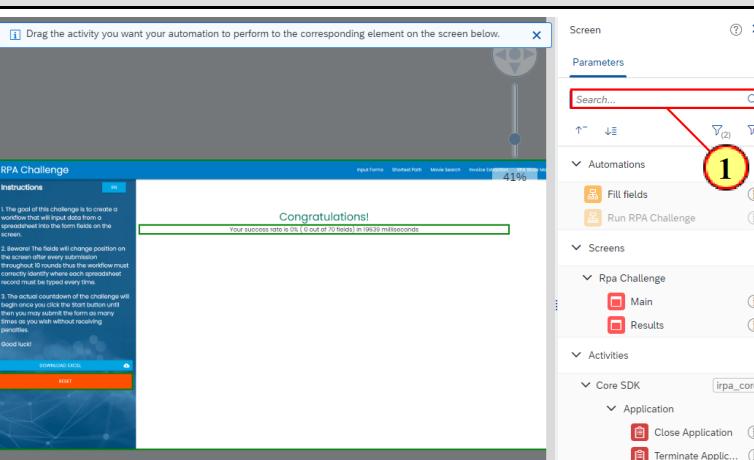
Explanation	Screenshot
(1) Select Rpa Challenge.Main.btSub...	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Set the Step name parameter to Click Submit	
RPA Challenge – Cloud Studio – Saving the Fill Fields automation	
(1) Click on Save	
RPA Challenge – Cloud Studio – Adding the Fill Fields automation	

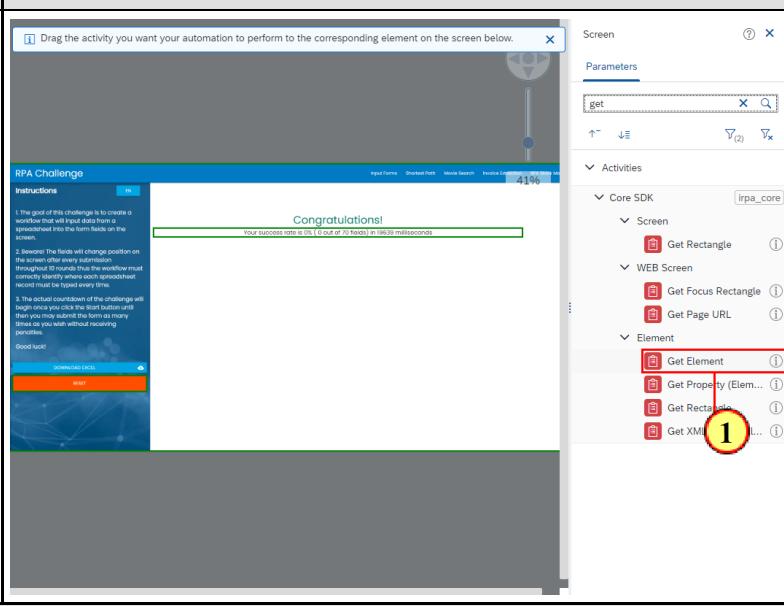
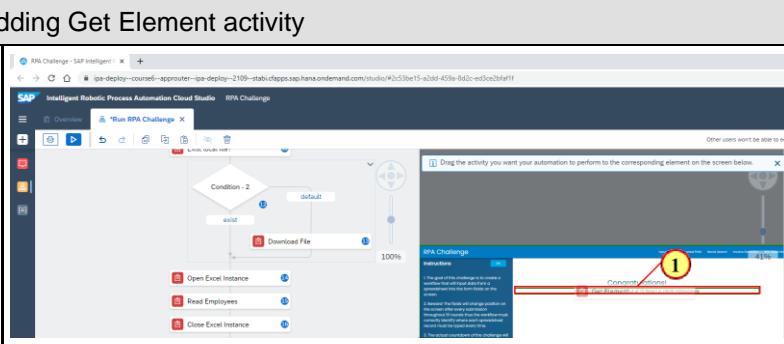
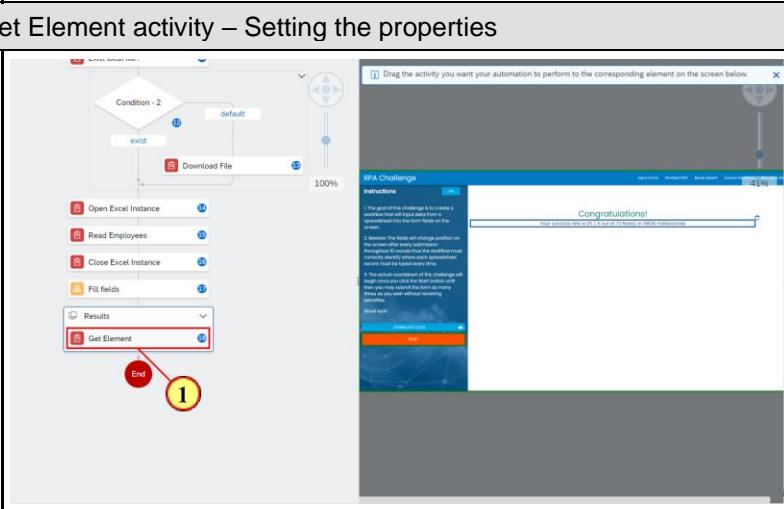
Explanation	Screenshot
(1) Close the Automation tab	
RPA Challenge – Cloud Studio – Adding the Fill Fields automation	
(1) Clear the search field	
RPA Challenge – Cloud Studio – Adding the Fill Fields automation	

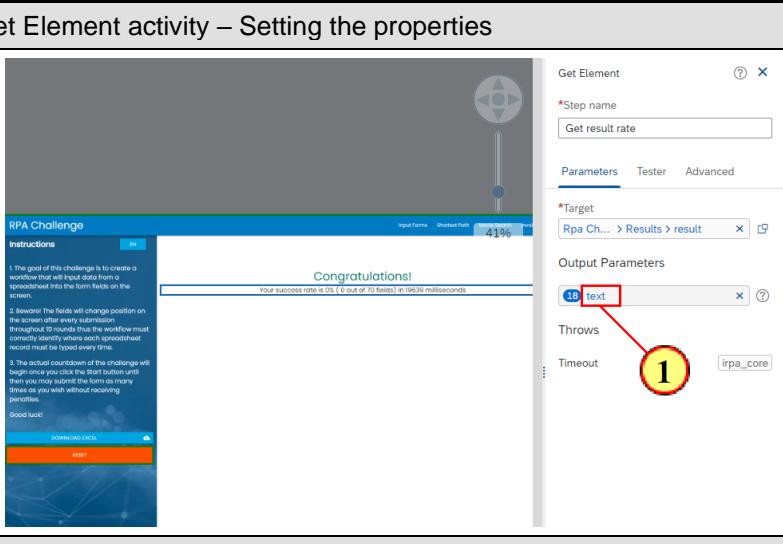
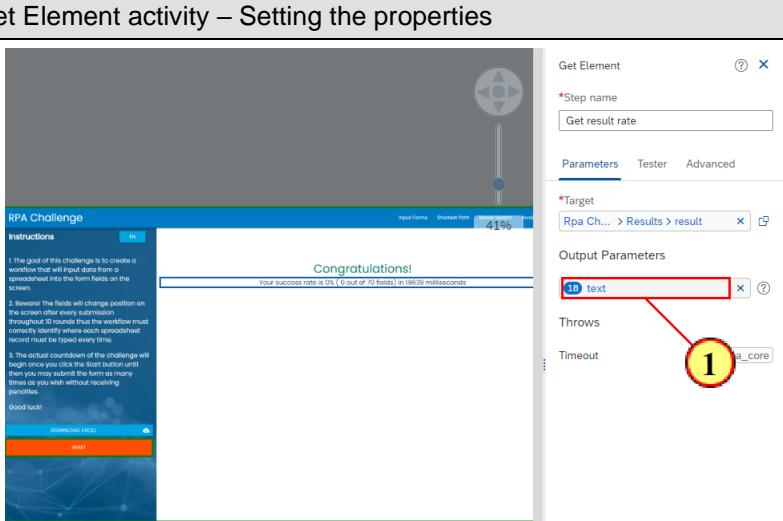
Explanation	Screenshot
<p>(1) Drag the Fill fields automation</p>  <p>This is a best practice to organize your automations by functional area to facilitate reusability</p>	
<p>RPA Challenge – Cloud Studio – Adding the Fill Fields automation</p> <p>(1) Drop it into the workflow, just after the Close Excel Instance</p>	
<p>RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties</p> <p>(1) Click on the Activity to set the properties</p>	
<p>RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties</p>	

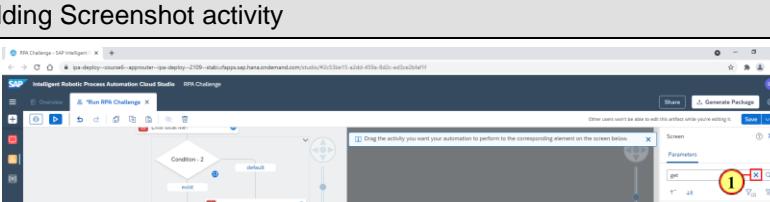
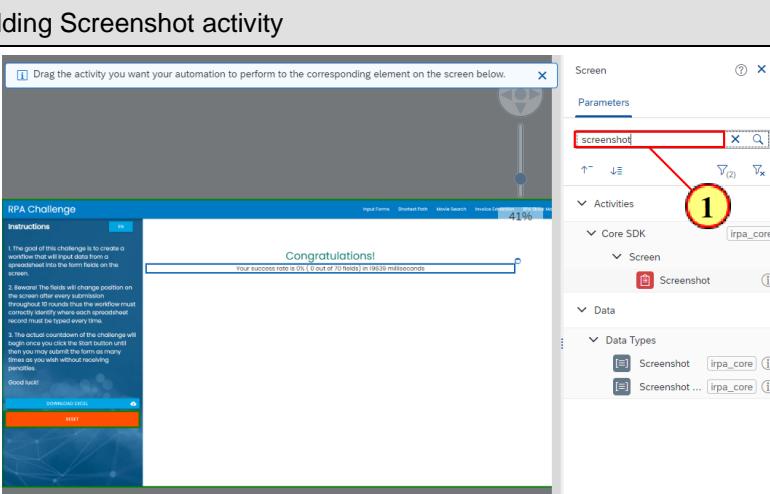
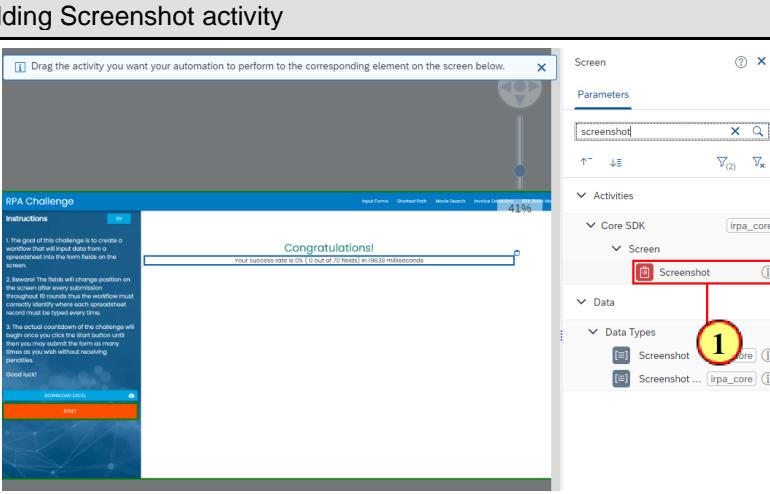
Explanation	Screenshot
(1) Click on the employees parameter	
RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties	
(1) Select the variable Employees	
RPA Challenge – Cloud Studio – Adding the Results screen	
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding the Results screen	

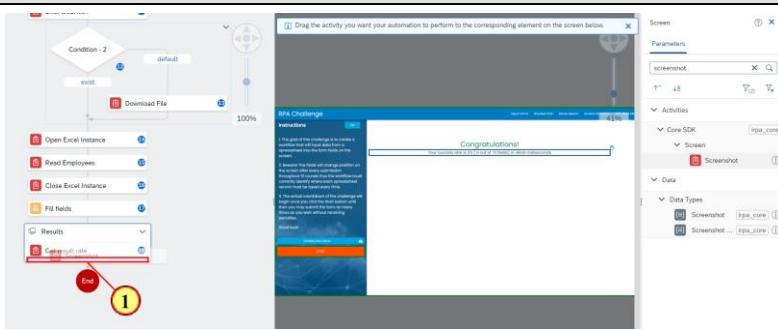
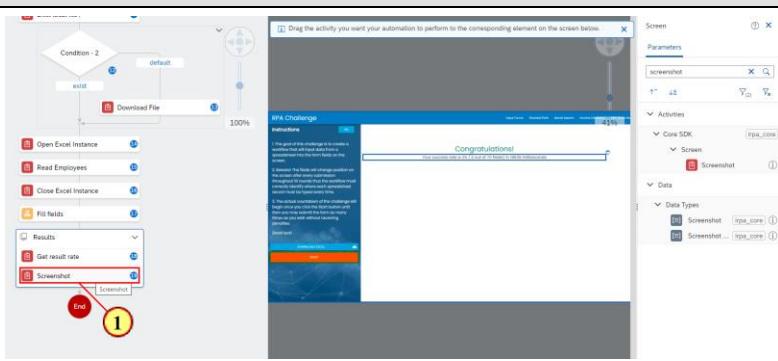
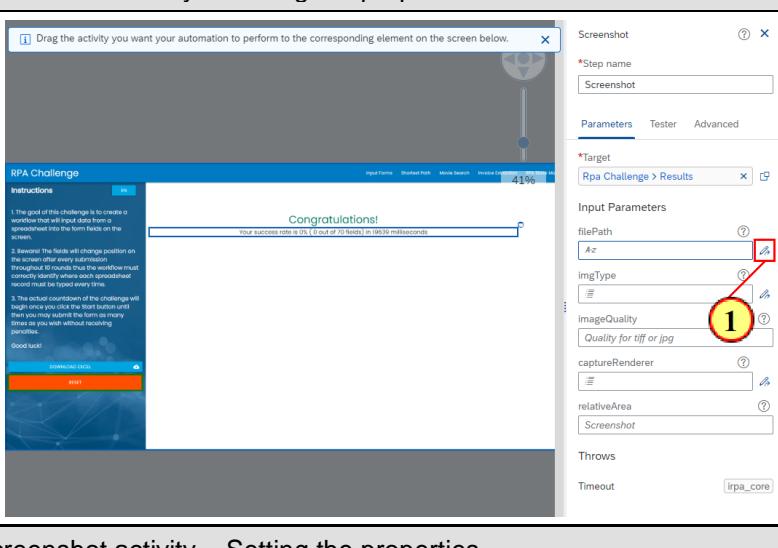
Explanation	Screenshot
(1) Expand the Screens node	
(1) Drag the Results screen	
(1) Drop it into the workflow just after the Fill fields automation	
RPA Challenge – Cloud Studio – Adding the Results screen	

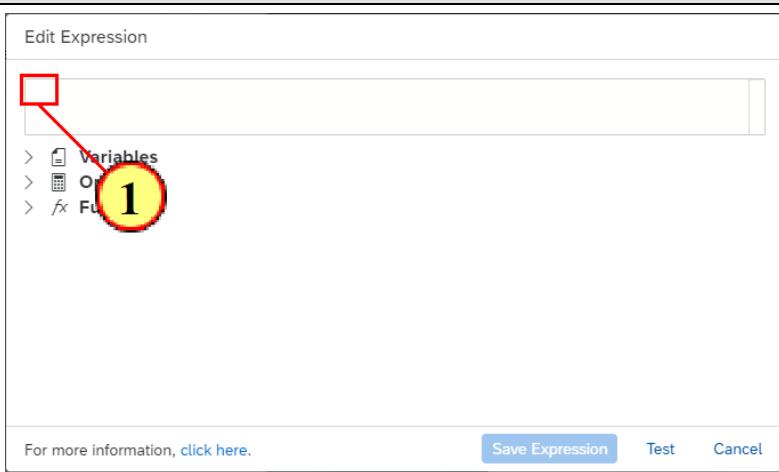
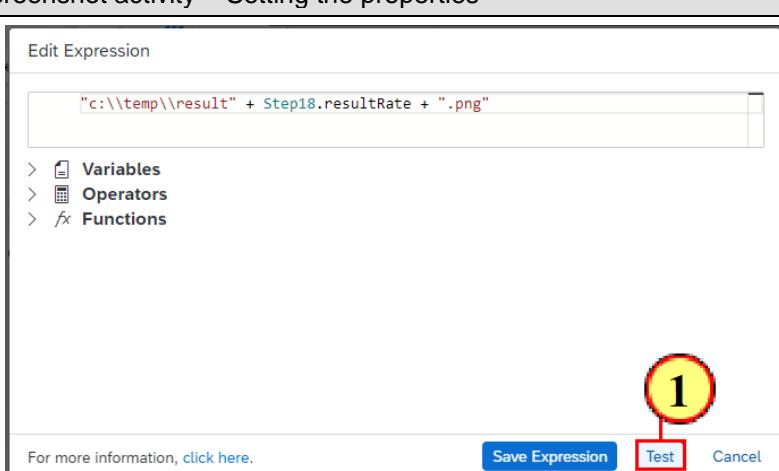
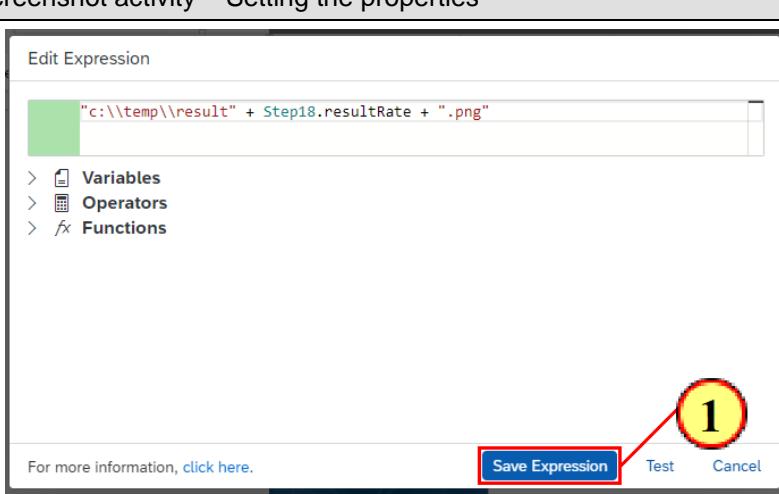
Explanation	Screenshot
(1) Scroll down if needed	
RPA Challenge – Cloud Studio – Results screen – Adding activities	
(1) Double-click to Define Screen Activities	
RPA Challenge – Cloud Studio – Adding Get Element activity	

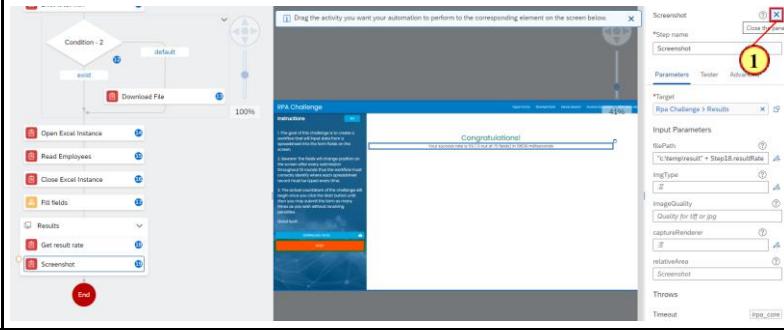
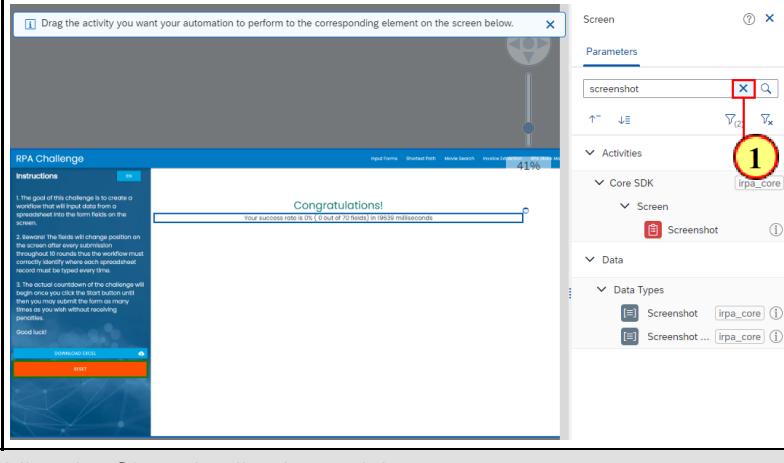
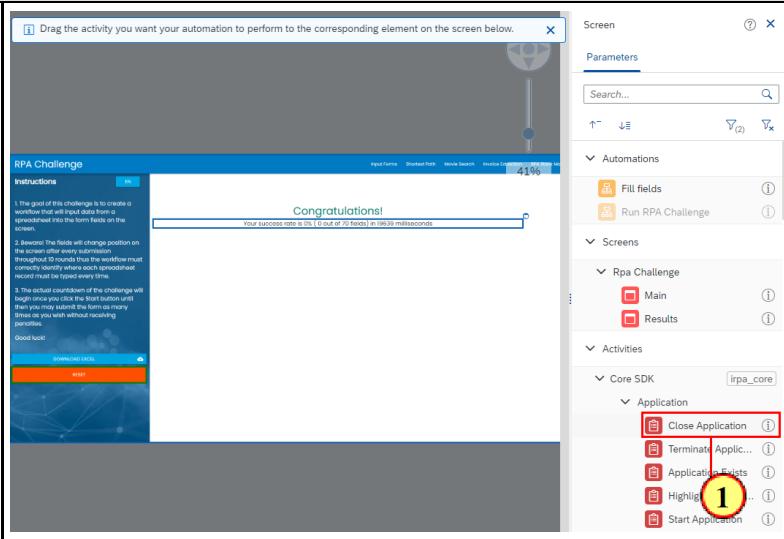
Explanation	Screenshot
(1) Drag the Activity	 <p>The screenshot shows the SAP Cloud Studio interface. On the right, a sidebar titled 'Screen' displays a search bar with 'get' and a list of activities under 'Core SDK'. The 'Element' section is expanded, showing four activities: 'Get Element', 'Get Property (Elem...)', 'Get Rectangle', and 'Get XML'. The 'Get Element' activity is highlighted with a red box and circled with a yellow number '1'.</p>
RPA Challenge – Cloud Studio – Adding Get Element activity	 <p>The screenshot shows the SAP Cloud Studio interface with a workflow canvas. A 'Get Element' activity is shown on the canvas, with a red arrow pointing from it to a 'result' element. The 'result' element is also circled with a yellow number '1'.</p>
(1) Click on the activity in the workflow to set the properties	 <p>The screenshot shows the SAP Cloud Studio interface with a workflow canvas. A 'Get Element' activity is selected, and its properties dialog is open. The 'Properties' tab is active, showing various configuration options. The 'Get Element' activity is circled with a red box and circled with a yellow number '1'.</p>
RPA Challenge – Cloud Studio – Get Element activity – Setting the properties	

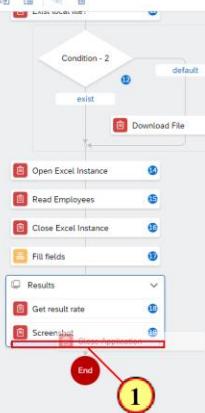
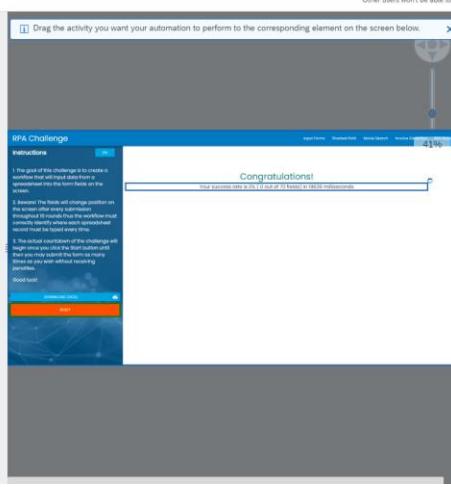
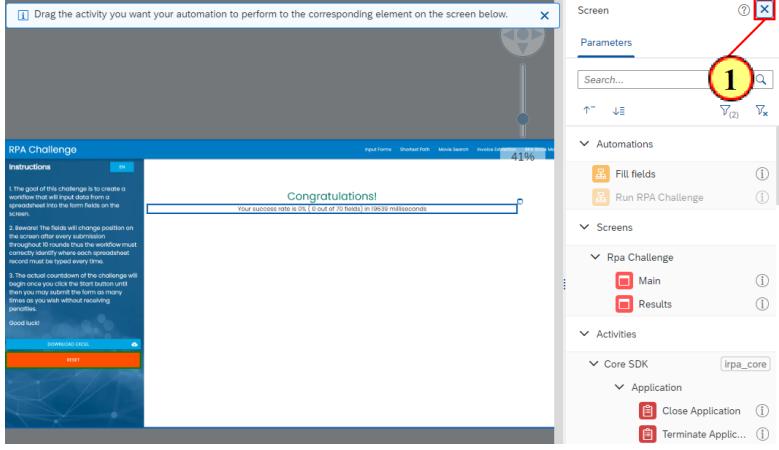
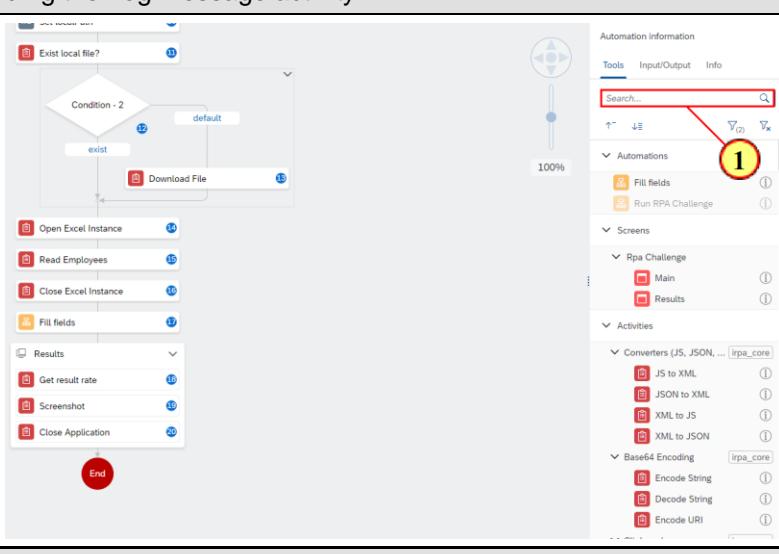
Explanation	Screenshot
<p>(1) Set the Step name to Get result rate</p>	
<p>RPA Challenge – Cloud Studio – Get Element activity – Setting the properties</p> <p>(1) Click on text in Output Parameters</p>	
<p>RPA Challenge – Cloud Studio – Get Element activity – Setting the properties</p> <p>(1) Rename it to resultRate</p>	
<p>RPA Challenge – Cloud Studio – Adding Screenshot activity</p>	

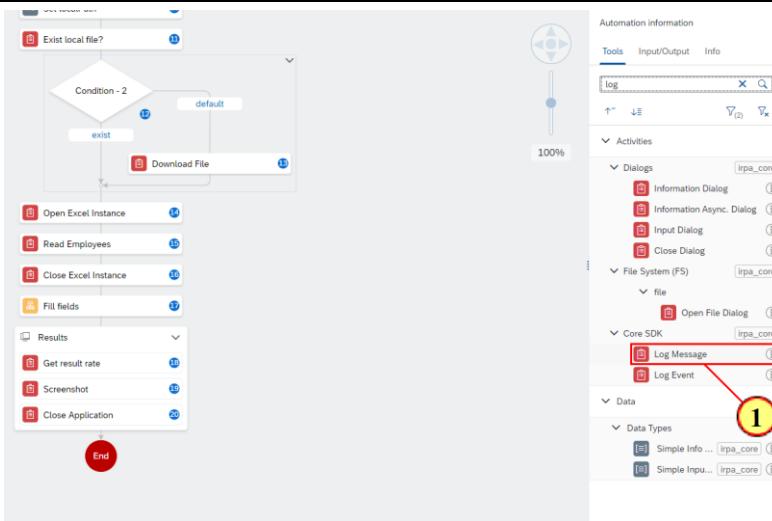
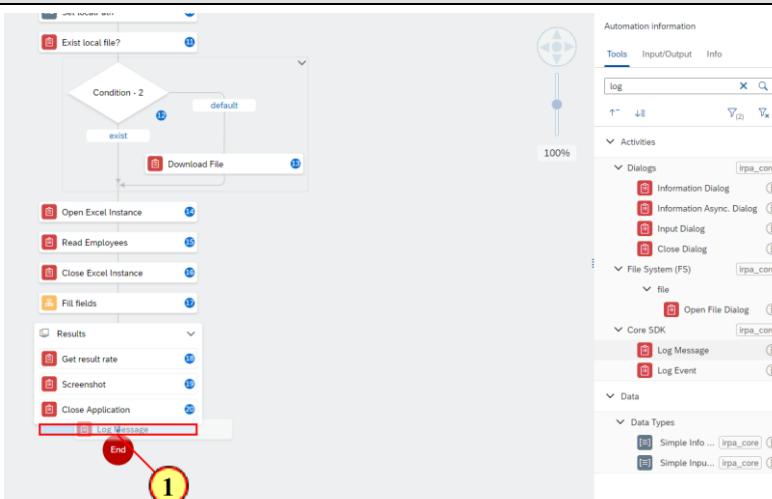
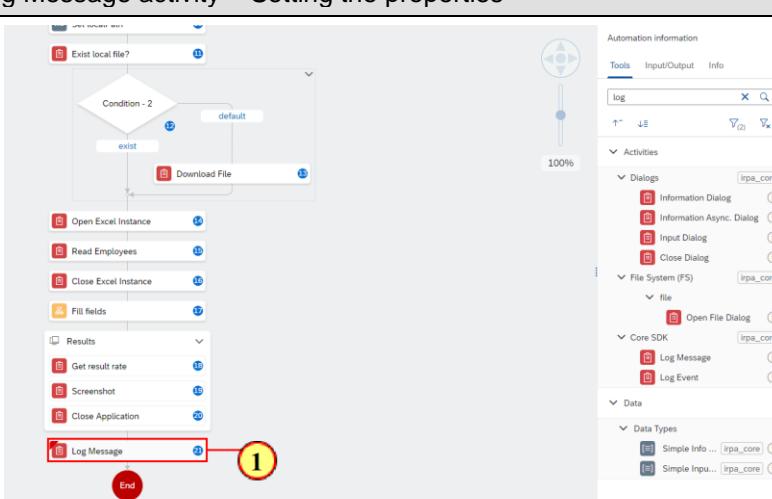
Explanation	Screenshot
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding Screenshot activity	
(1) Search for the Screenshot activity	
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Adding Screenshot activity	

Explanation	Screenshot
(1) Drop it into the workflow inside the Results screen after Get result rate activity	
RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties	
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties	
(1) Click on the Expression Editor icon of the filePath parameter	
RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties	

Explanation	Screenshot
<p>(1) Set the following expression:</p> <pre data-bbox="144 482 460 550">'c:\\temp\\\\result" + Step18.resultRate + ".png"</pre>	
RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties	
<p>(1) Click on Test to verify if the expression is valid</p> <p> The editor will highlight it in green if it is and in red if it is not.</p>	
RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties	
<p>(1) Click on Save Expression</p>	
RPA Challenge – Cloud Studio – Adding the Close Application activity	

Explanation	Screenshot
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding the Close Application activity	
(1) Clear the search field	
RPA Challenge – Cloud Studio – Adding the Close Application activity	

Explanation	Screenshot
(1) Drop it into the workflow inside the Results screen after the Screenshot activity	 
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Close the Screen panel	
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Search for the Log Message activity	
RPA Challenge – Cloud Studio – Adding the Log Message activity	

Explanation	Screenshot
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Drop it into the workflow after the Results screen	
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties	
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties	

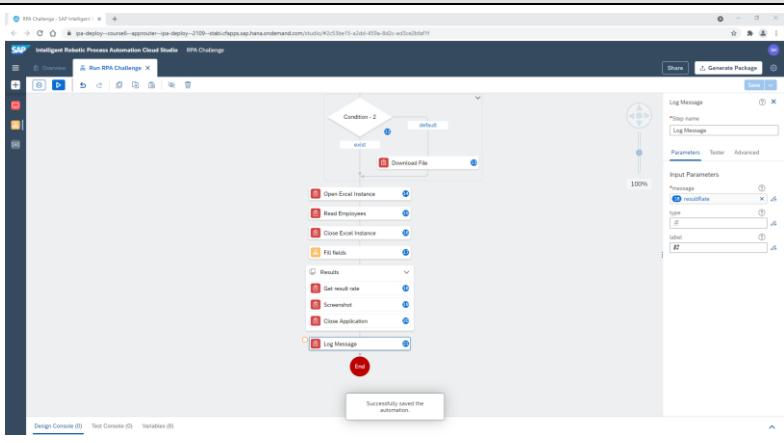
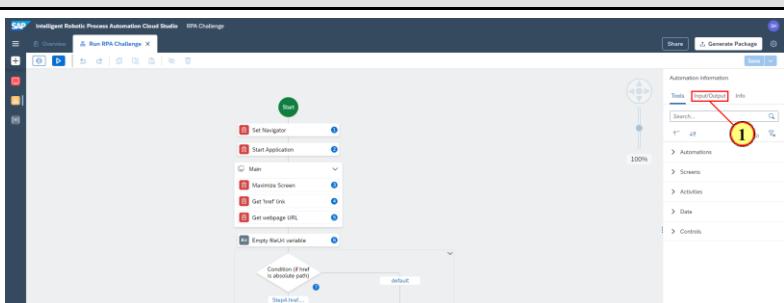
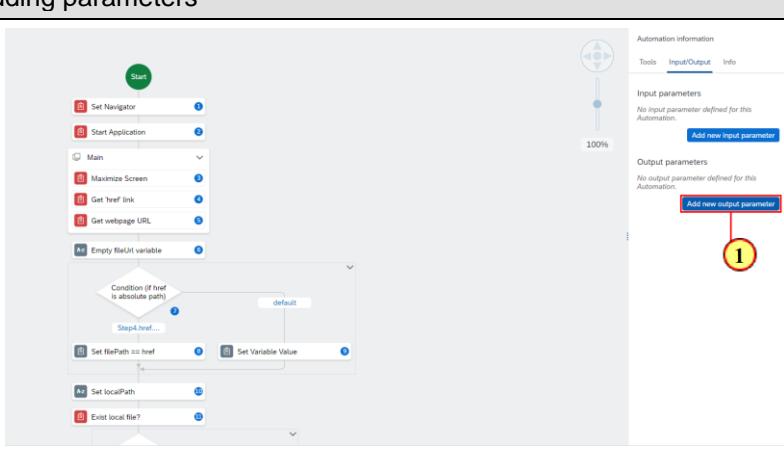
Explanation	Screenshot
<p>(1) Click on the message parameter</p>	

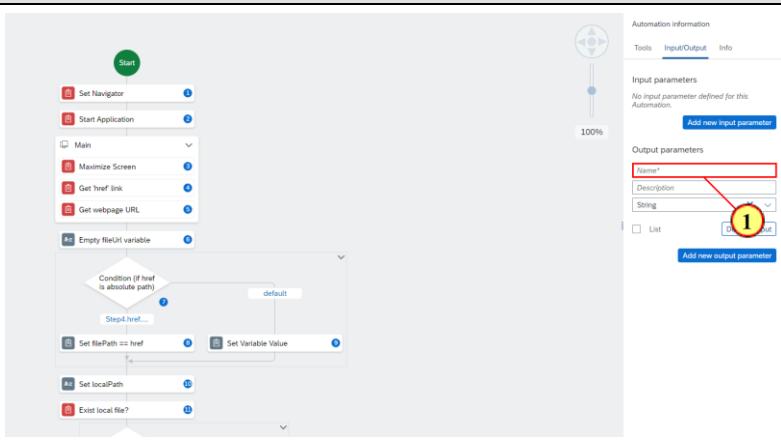
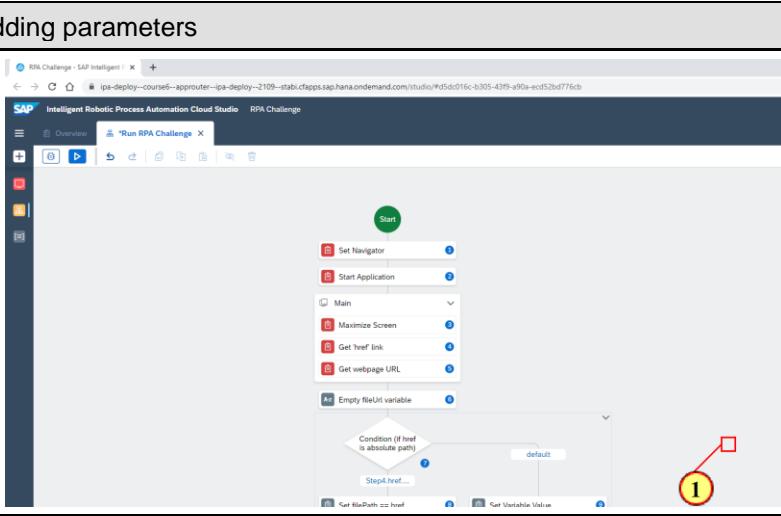
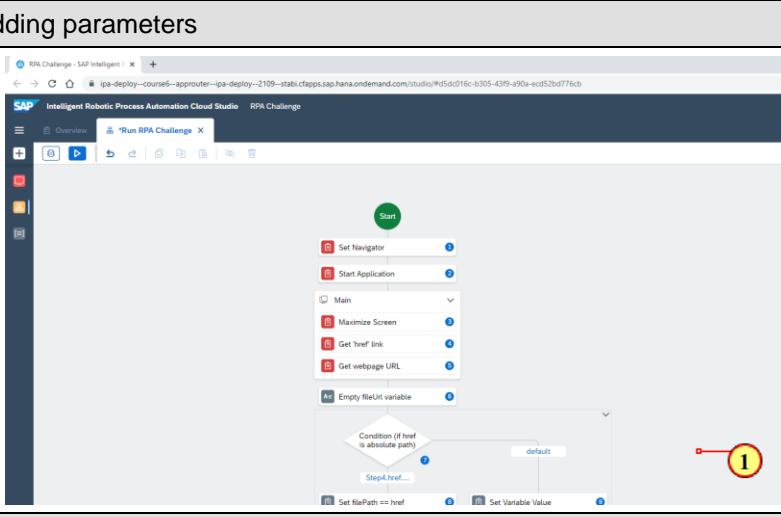
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties

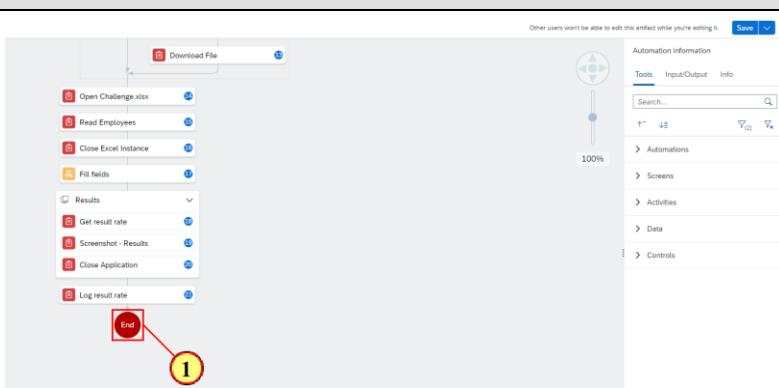
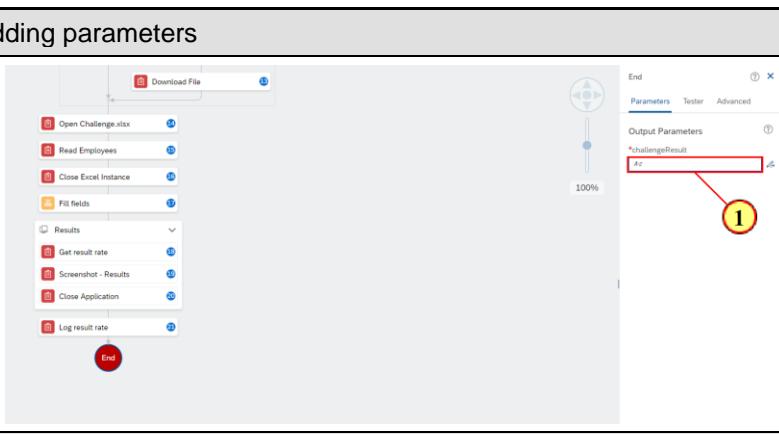
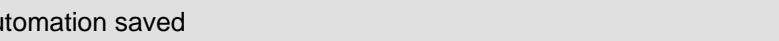
<p>(1) Select the variable resultRate</p>	
--	--

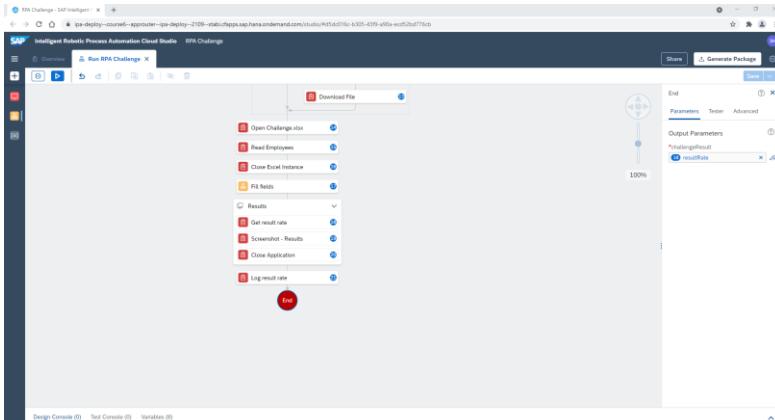
RPA Challenge – Cloud Studio – Saving the automation

<p>(1) Click on Save</p>	
<p>RPA Challenge – Cloud Studio – Automation saved</p>	

Explanation	Screenshot
 <p>The automation is now saved.</p>	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on Input/Output	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on Add new output parameter	
RPA Challenge – Cloud Studio – Adding parameters	

Explanation	Screenshot
(1) Set challengeResult as the parameter name	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on the canvas	
RPA Challenge – Cloud Studio – Adding parameters	

Explanation	Screenshot
(1) Click on the End node	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on the challengeResult parameter	
(1) Select the resultRate value from the list	
RPA Challenge – Cloud Studio – Saving the automation	
(1) Click on Save	
RPA Challenge – Cloud Studio – Automation saved	

Explanation	Screenshot
	 <p>The screenshot shows the SAP Intelligent Robotic Process Automation Cloud Studio interface. A workflow named "Run RPA Challenge" is displayed. The workflow consists of the following steps:</p> <ul style="list-style-type: none">Start (green circle)Open Challenge.xlsx (red square)Read Employees (red square)Close Excel Instance (red square)Fill Fields (yellow square)Get result rate (red square)Screenshot - Results (red square)Close Application (red square)Log result rate (red square)End (green circle) <p>The "Fill Fields" step is highlighted with a yellow background. The "Output Parameters" section on the right shows a parameter named "resultrate".</p>